# OFFICE OF THE CHIEF MEDICAL EXAMINER ANNUAL REPORT



# 2010 JANUARY 1 – DECEMBER 31 STATE OF OKLAHOMA

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#### 2010 ANNUAL REPORT

OFFICE OF THE CHIEF MEDICAL EXAMINER 901 N. STONEWALL OKLAHOMA CITY, OKLAHOMA 73117

<sup>\*</sup> Copies have been deposited with the Publications Clearinghouse of the Oklahoma Department of Libraries.

#### FOREWARD

The Office of the Chief Medical Examiner of the State of Oklahoma has the sole responsibility for investigating sudden, violent, unexpected and suspicious deaths. Information gained from these medicolegal investigations is frequently required in the form of evidence and expert testimony in both criminal and civil legal proceedings.

When a death occurs on the job or appears to be work-related, the results of the medicolegal investigation are of direct benefit to the family in order that insurance claims may be appropriately settled. These examinations also help identify potentially unsafe consumer products. The public health function of the medical examiners office is further apparent in the investigation of cases in which poisons or infectious agents are implicated. The identification of such dangerous elements allows the prompt implementation of treatment and preventive measures through coordination with Oklahoma's Public Health Agencies and OSHA.

The staff of the Office of the Chief Medical Examiner recognizes and is sensitive to the personal tragedy surrounding an untimely or violent death. The staff members interrelate daily with families of victims and serve on many community related activities such as the Child Abuse Prevention Taskforce, the Domestic Violence Fatality Review Board and the Child Death Review Board. Medicolegal education is offered to medical, dental, pharmacy, and nursing students, physicians, police officers and lay groups having interest in topics to which the medical examiner relates. Cooperation with other state and federal agencies such as the Oklahoma State Department of Health and the Centers for Disease Control in Atlanta allows information generated by the medical examiner to be utilized in epidemiological surveillance and development of public health programs.

Most importantly, The Office of the Chief Medical Examiner represents a resource of impartial professionals and support staff providing continuous objective medicolegal investigations to the People of Oklahoma.

#### MEDICAL EXAMINER CASES IN 2010

#### BRIEF SUMMARY

In 2010, there were 35,697 deaths reported in the State of Oklahoma. Of these, 20,052 were reported to the medical examiner by medical and law enforcement personnel. Based on the analysis of the scene and circumstances of death and the decedent's medical history, the medical examiner assumed jurisdiction in 16,293 of these reported deaths. Of these, 13,678 were investigated because they were going to be cremated, shipped out of state or ultimately made unavailable for pathological study. Throughout the presentation and discussion of data that follows, except where stated, these cases are excluded.

Complete investigation and examination were performed in 5255 cases. Of these, 1645 were selected for autopsy. Autopsies by medical examiner pathologists were not performed in deaths where scene investigation, circumstances, medical history, and external examination of the body provided sufficient information for death certification.

Specific presentation of relevant tables regarding 2010 cases follows this brief summary.

# OFFICE OF THE CHIEF MEDICAL EXAMINER STATE OF OKLAHOMA

The Oklahoma Medical Examiner's system came into being in 1961. It was without funding until 1967. The Office of the Chief Medical Examiner of the State of Oklahoma operates under the control of the Board of Medicolegal Investigations through the provisions of the Oklahoma Statutes. The office is directed by the Chief Medical Examiner who is a licensed physician, trained and certified in forensic pathology, the branch of medicine concerned with the investigation of sudden, unexpected, violent or suspicious death. The office provides toxicological and pathological services to aid in the investigation of death defined by law as being subject to public inquiry.

In the State of Oklahoma, the medical examiner is the medical officer charged with the medical aspects of death investigation. These medical examiners are licensed medical and osteopathic physicians in private practice who, as a service to their community and to the state, have consented to serve in this official capacity. The medical examiner is an officer of the state charged with certain statutory powers and duties.

The law requires that all human deaths of the types listed below must be reported to the medical examiner and investigated by him.

- Violent deaths, whether apparently homicidal, suicidal or accidental including but not limited to deaths due to thermal, chemical, electrical or radiational injury and deaths due to criminal abortions, whether self-induced or not.
- 2. Deaths under suspicious, unusual or unnatural means.
- 3. Deaths related to disease which might constitute a threat to public health.
- 4. Deaths unattended by a licensed medical or osteopathic physician for fatal or potentially fatal illness.
- 5. Deaths of persons after unexplained coma.
- 6. Deaths that are medically unexpected and that occur during a therapeutic procedure.
- 7. Deaths of any inmate occurring in any place of penal incarceration.
- 8. Deaths of persons whose bodies are to be cremated, buried at sea, transported out of state or otherwise made ultimately unavailable for pathological study.

#### FAMILY ASSISTANCE

The Office of the Chief Medical Examiner is the sole entity responsible for establishing the cause and manner of death for the State of Oklahoma in types of deaths specifically defined by Oklahoma Statute. Deaths caused by homicide; or those of a suspicious nature, obviously generate a substantial amount of interest from family members, friends, the general public and the media. The State of Oklahoma averages several hundred of these deaths per year.

Relatives and friends of these decedents unfortunately can get lost in the whirlwind chaos of the aftermath of the victim's death. When informed and confronted with their unexpected loss they can be left alone trying to determine what actually occurred and what to do next after a build up of disbelief regarding the death of their loved one or friend.

As a result of several major catastrophes in Oklahoma and the every day experiences of personal tragedies by numerous families, this Agency became painfully aware of the countless questions individuals seek. The search for prompt answers to their questions seems to never end.

Since 1999, with the assistance of a federal grant from the Victim's of Crime Act (VOCA) through the U.S. Department of Justice and monitored by the Oklahoma District Attorney's Council, the Office of the Chief Medical Examiner has been able to greatly expand its services to assist families and friends of those who suffer violent deaths with the creation of the Family Assistance Coordinators. The Central and Eastern Division Office each have a Coordinator position available.

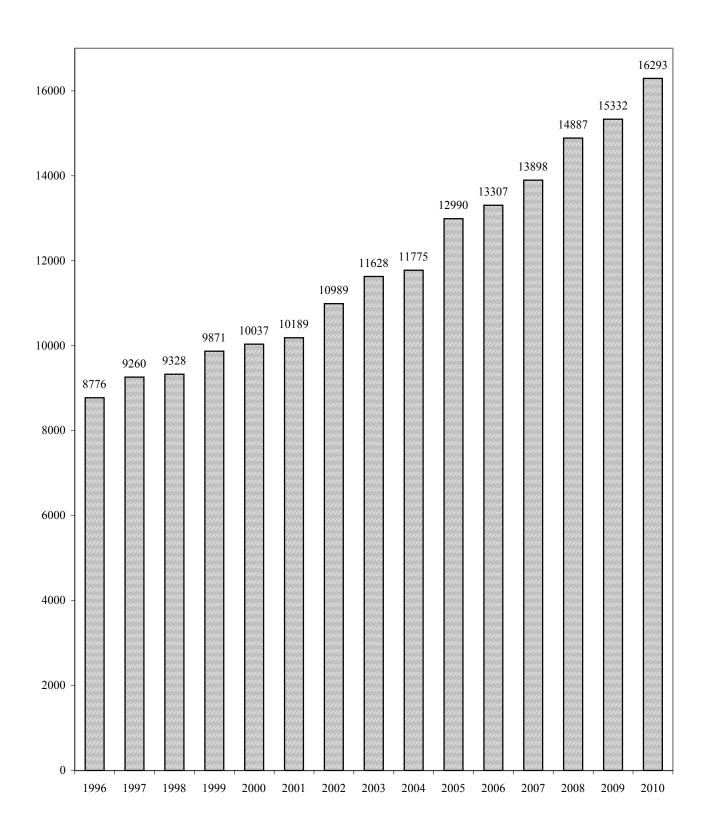
The Coordinators ensure that medical and investigative information is provided to families and friends without delay. Efforts are made to get responses to their countless inquiries about medical questions, circumstances as to the cause of death and what to expect from a variety of other agencies they are introduced to because of death. The Family Assistance Coordinators keep close contact with the families and friends as the case proceeds through the many facets of the death investigation.

In addition, the Family Assistance Coordinators keep families informed as to the many monetary benefits available to them through the VOCA Grant. These benefits assist families with the burdensome and frequently unexpected out-of-pocket expenses for funeral costs, economic losses, medical costs and professional grief counseling.

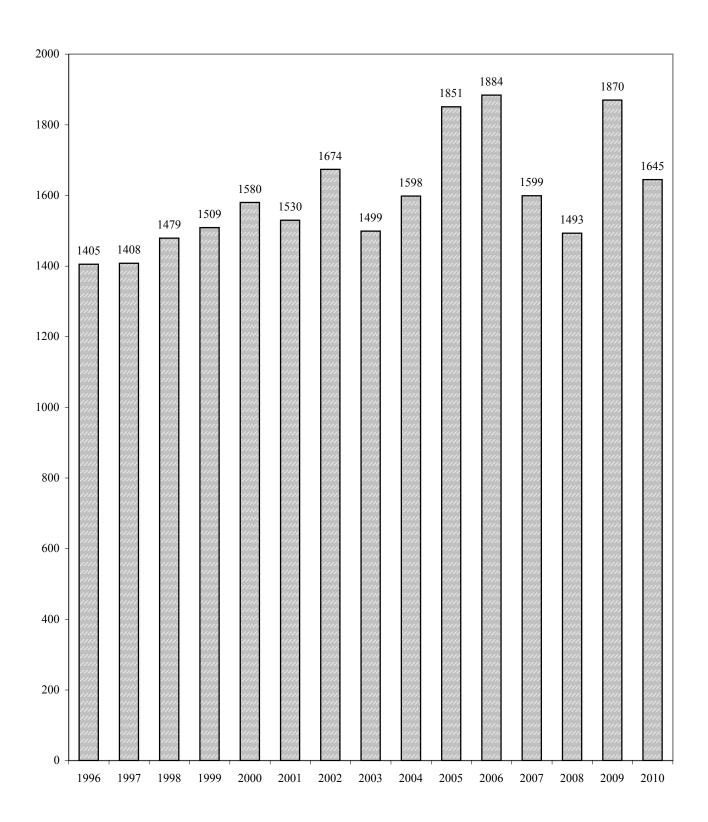
Coordinators also assist in informing families and friends of what they may encounter from their unexpected introduction into the criminal justice system. By communicating closely with other victim or community service's, relatives and friends are better prepared for the sometimes cruel and unbelievable circumstances surrounding their loved one's death.

As a result of this Agency's dedication in dealing with the various family issues and questions which arise from traumatic deaths, a development of trust and dependability has been created between the Office of the Chief Medical Examiner and the families and friends it serves.

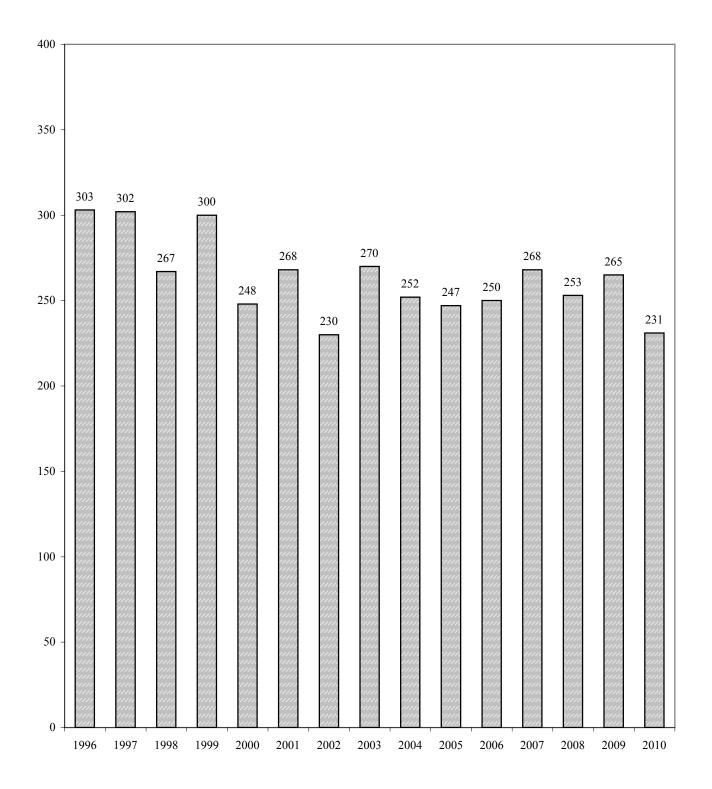
## JURISDICTION ASSUMED FIFTEEN YEAR COMPARISON



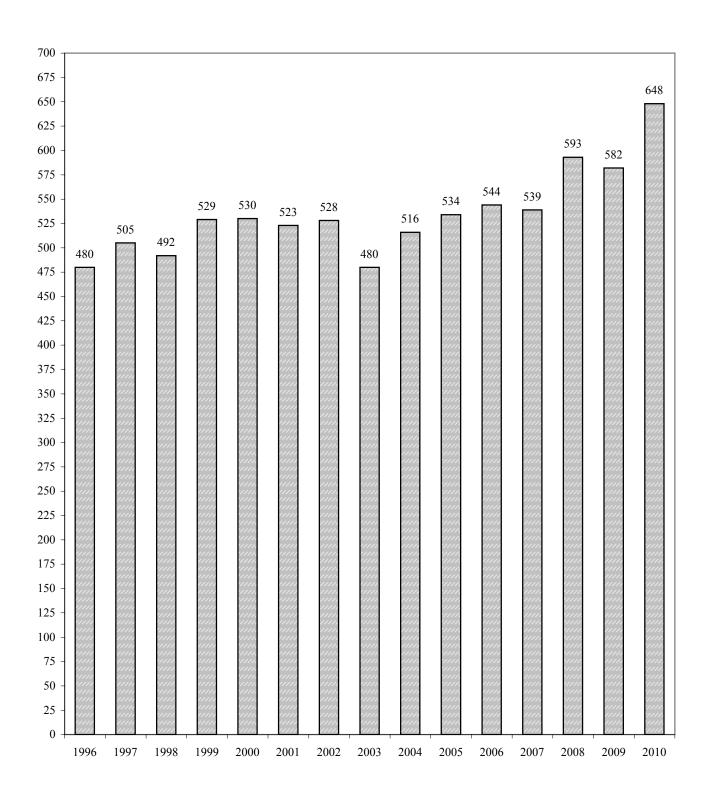
#### CASES AUTOPSIED FIFTEEN YEAR COMPARISON



#### HOMICIDE CASES FIFTEEN YEAR COMPARISON

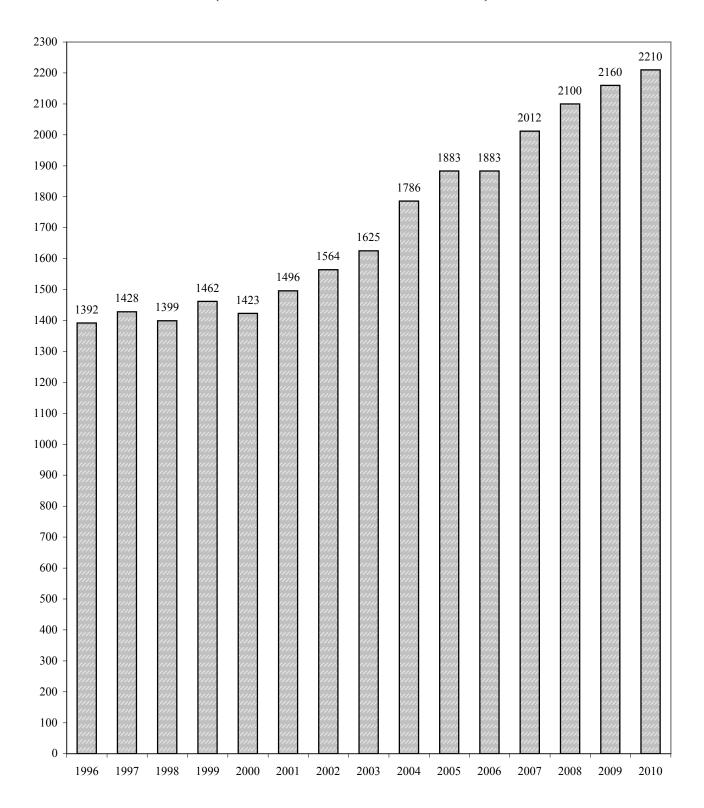


#### SUICIDE CASES FIFTEEN YEAR COMPARISON

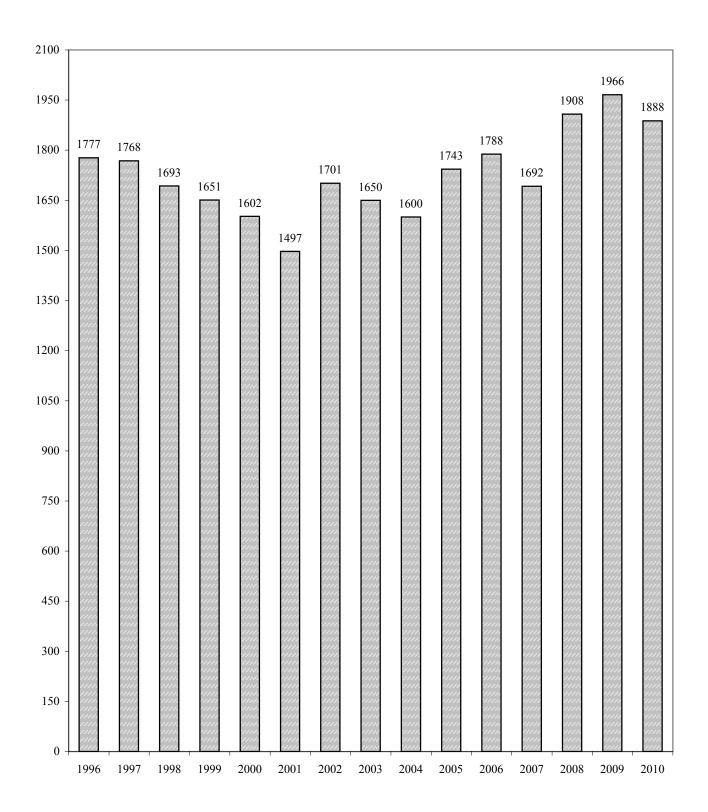


# ACCIDENT CASES FIFTEEN YEAR COMPARISON

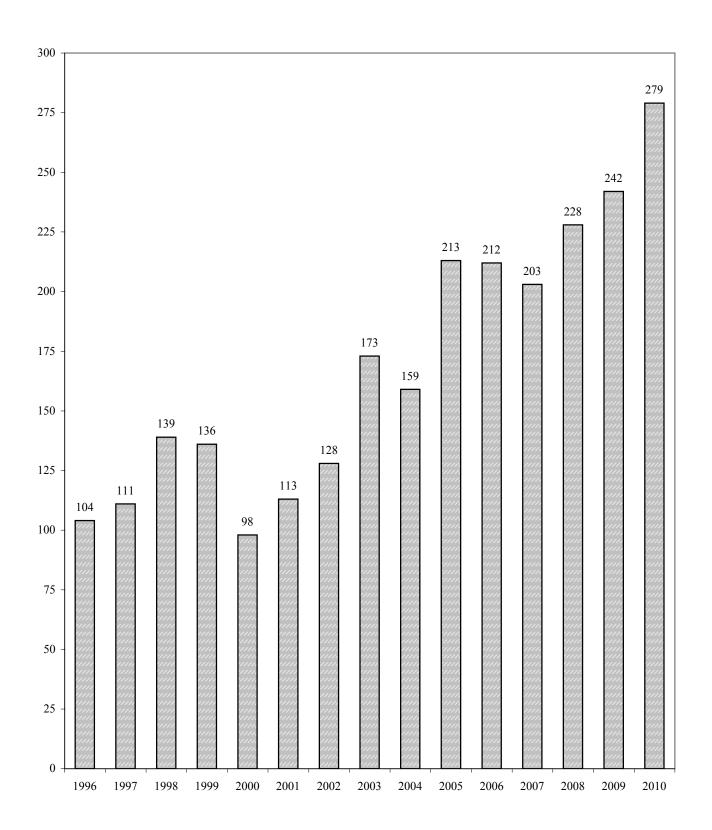
(INCLUDING TRAFFIC)



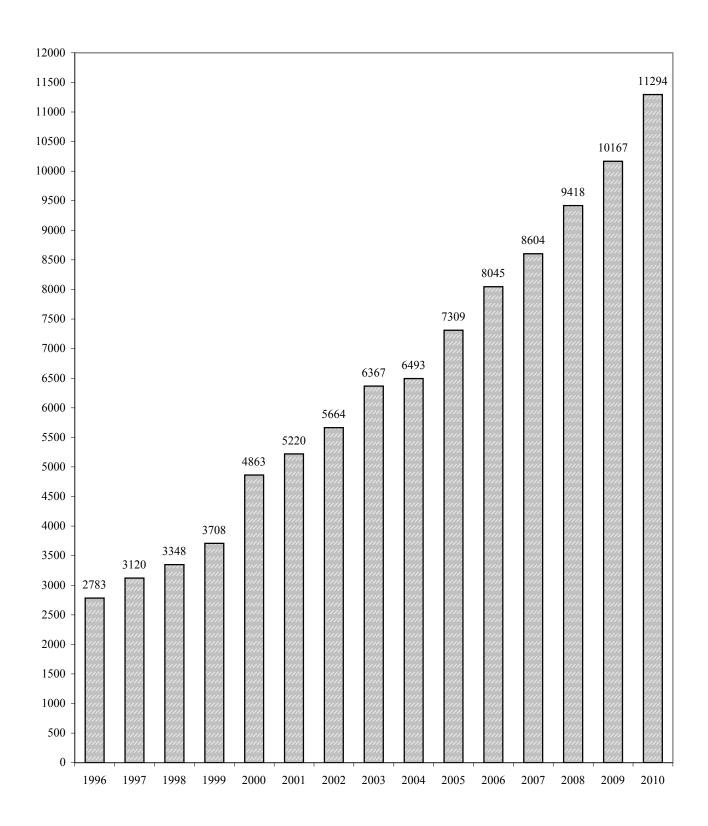
#### NATURAL CASES FIFTEEN YEAR COMPARISON



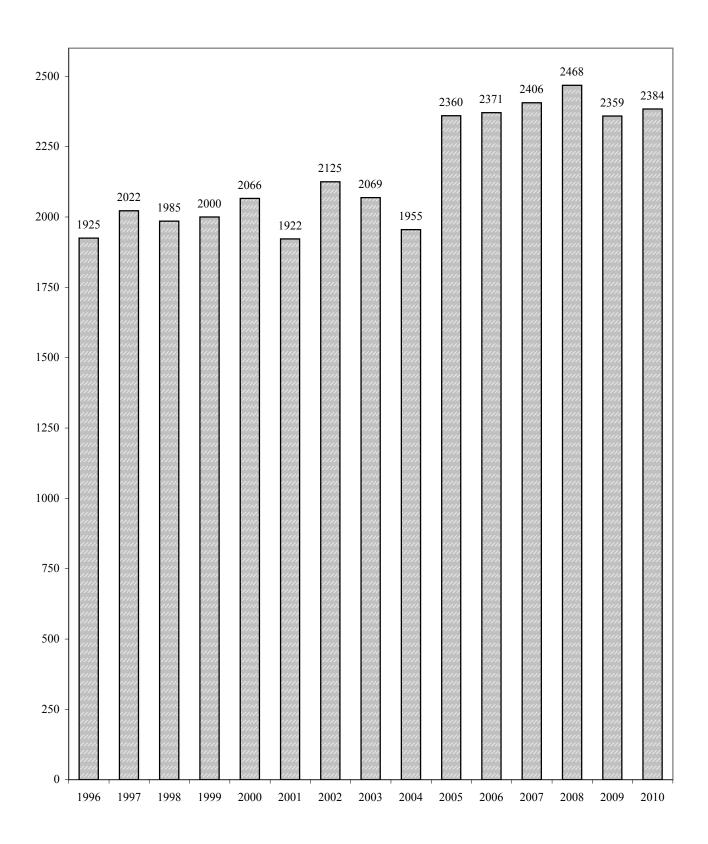
# UNDETERMINED CASES FIFTEEN YEAR COMPARISON



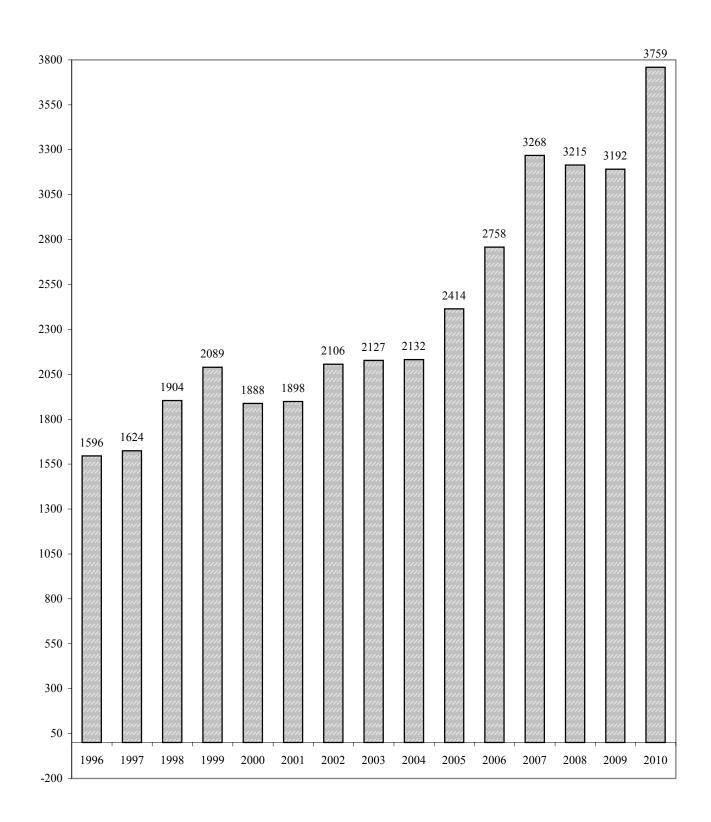
# CREMATION CASES FIFTEEN YEAR COMPARISON



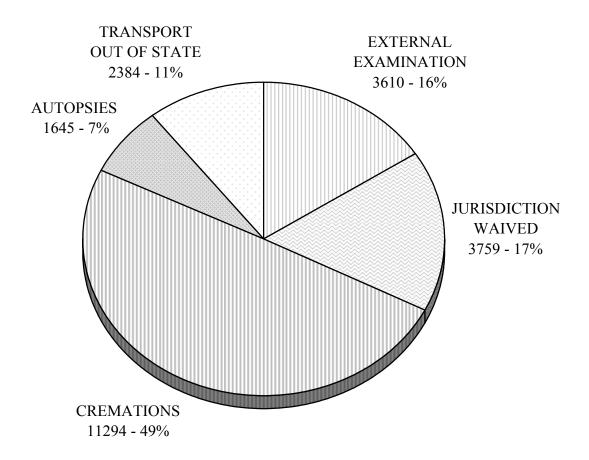
#### OUT OF STATE CASES FIFTEEN YEAR COMPARISON



## JURISDICTION WAIVED FIFTEEN YEAR COMPARISON



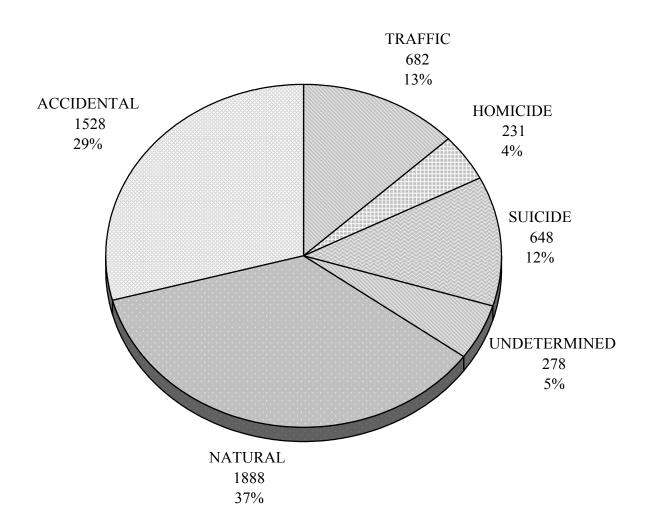
# 35,697 TOTAL DEATHS IN OKLAHOMA DEATHS REPORTED TO MEDICAL EXAMINER 20,052



# 56% of all deaths in Oklahoma were reported to the Medical Examiner

\*2640 of the cases cremated/transported out of state were also medical examiner cases for other reasons and were examined and/or autopsied

# MEDICAL EXAMINER CASES EXAMINED AND/OR AUTOPSIED TOTAL 5255



MEDICAL EXAMINER CASES

CLASSIFIED BY AGE													
MANNER/AGE	0-5	6-10	11-15	16-19	20-29	30-39	40-49	50-59	60-69	70-79	80+	UNK	TOTAL
NATURAL	41	5	5	8	55	134	290	534	371	231	214	0	1888
TRAFFIC	16	11	15	53	119	104	117	106	60	46	35	0	682
ACCIDENT	39	12	11	24	133	192	258	279	128	137	315	0	1528
SUICIDE	0	0	12	26	108	120	134	129	71	33	15	0	648
HOMICIDE	20	4	4	28	69	38	31	23	12	1	1	0	231
UNDETERMINED	87	0	0	3	21	26	34	51	27	8	12	9	278
TOTAL	203	32	47	142	505	614	864	1122	669	456	592	9	5255

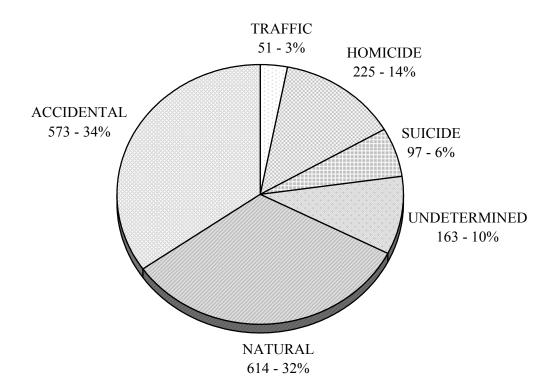
	CLASSIFIED BY RACE											
MANNER/RACE	WHITE	BLACK	AM INDIAN	HISPANIC	OTHER	UNK	TOTAL					
NATURAL	1530	190	109	36	22	1	1888					
TRAFFIC	554	35	54	34	5	0	682					
ACCIDENT	1322	74	82	38	10	2	1528					
SUICIDE	579	27	21	18	3	0	648					
HOMICIDE	107	93	15	13	2	1	231					
UNDETERMINED	210	36	18	5	1	8	278					
TOTAL	4302	455	299	144	43	12	5255					

MEDICAL EXAMINER CASES

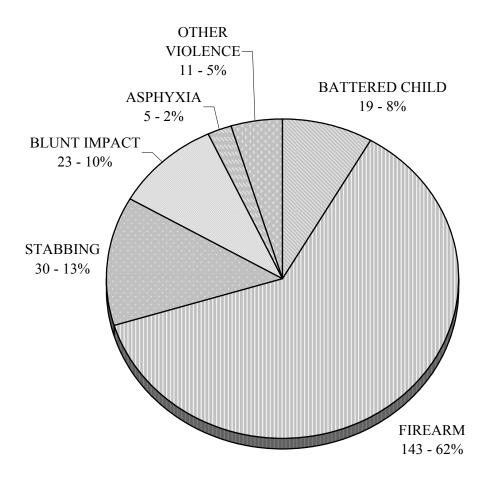
CLASSIFIED BY MONTH													
MANNER/MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
NATURAL	171	136	174	146	174	156	156	150	134	136	164	191	1888
TRAFFIC	40	36	56	45	58	69	77	66	61	64	55	55	682
ACCIDENT	124	130	121	115	138	139	124	138	125	127	130	117	1528
SUICIDE	48	50	42	43	54	58	73	64	44	60	63	49	648
HOMICIDE	18	18	11	24	18	18	24	18	20	20	19	23	231
UNDETERMINED	18	22	15	17	29	28	23	27	23	23	24	29	278
TOTAL	419	392	419	390	471	468	477	463	407	430	455	464	5255

	CL	ASSIFIED BY SEX		
MANNER/SEX	MALE	FEMALE	UNKNOWN	TOTAL
NATURAL	1264	624	0	1888
TRAFFIC	457	225	0	682
ACCIDENT	934	594	0	1528
SUICIDE	513	135	0	648
HOMICIDE	184	47	0	231
UNDETERMINED	163	108	7	278
TOTAL	3515	1733	7	5255

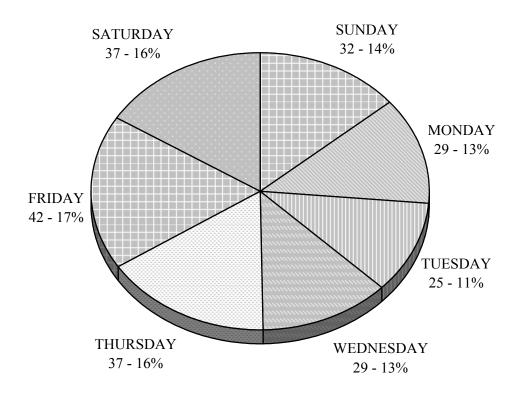
#### MEDICAL EXAMINER CASES AUTOPSIED TOTAL 1645



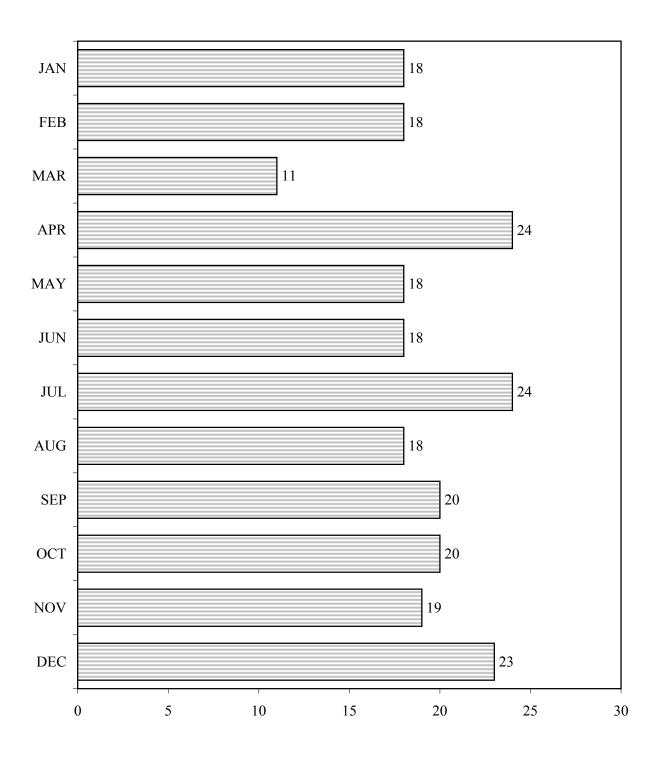
## HOMICIDE DEATHS TOTAL 231



# HOMICIDE DEATHS CLASSIFIED BY DAY OF WEEK TOTAL 231



# HOMICIDE DEATHS CLASSIFIED BY MONTH TOTAL 231



HOMICIDES

	CLASSIFIED BY AGE												
METHOD/AGE	0-5	6-10	11-15	16-19	20-29	30-39	40-49	50-59	60-69	70-79	80+	UNK	TOTAL
FIREARM	2	0	3	24	54	23	20	12	4	0	1	0	143
BLUNT IMPACT	0	0	0	1	4	6	7	3	2	0	0	0	23
STABBING	1	1	0	2	9	5	1	5	5	1	0	0	30
ASPHYXIA	0	0	0	1	1	0	1	2	0	0	0	0	5
BATTERED CHILD	17	2	0	0	0	0	0	0	0	0	0	0	19
OTHER/UNKNOWN	0	1	1	0	1	4	2	1	1	0	0	0	11
TOTAL	20	4	4	28	69	38	31	23	12	1	1	0	231

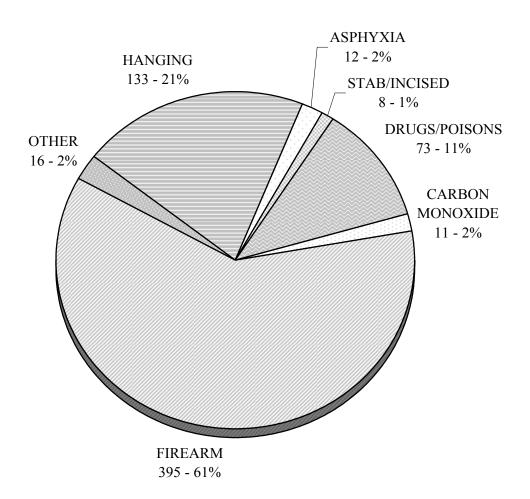
CLASSIFIED BY RACE												
METHOD/RACE	WHITE	BLACK	AM INDIAN	HISPANIC	OTHERS	UNKNOWN	TOTAL					
FIREARM	50	76	6	9	1	1	143					
BLUNT IMPACT	15	5	2	1	0	0	23					
STABBING	22	2	4	2	0	0	30					
ASPHYXIA	2	2	1	0	0	0	5					
BATTERED CHILD	12	5	1	0	1	0	19					
OTHER/UNKNOWN	6	3	1	1	0	0	11					
TOTAL	107	93	15	13	2	1	231					

HOMICIDES

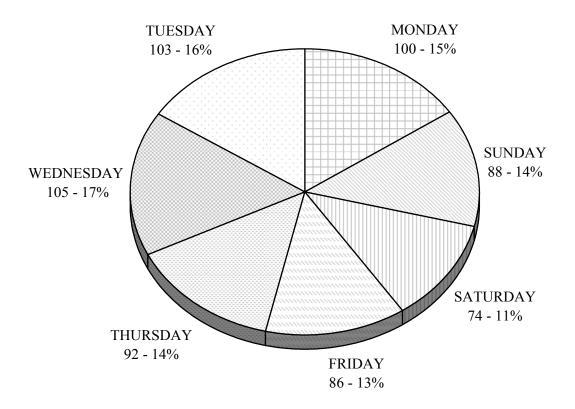
CLASSIFIED BY BLOOD ALCOHOL										
METHOD/ETOH	TEST	NEG	0.02 - 0.04	0.05 - 0.09	0.10 - 0.19	0.20 - 0.29	0.30+	TOTAL		
FIREARM	8	93	6	8	19	8	1	143		
BLUNT IMPACT	6	13	0	0	0	1	3	23		
STABBING	4	11	4	3	4	4	0	30		
ASPHYXIA	1	1	0	0	2	1	0	5		
BATTERED CHILD	1	17	0	1	0	0	0	19		
OTHER/UNKNOWN	2	7	0	2	0	0	0	11		
TOTAL	22	142	10	14	25	14	4	231		

	C	LASSIFIED BY SEX		
METHOD/SEX	MALE	FEMALE	UNKNOWN	TOTAL
FIREARM	124	19	0	143
BLUNT IMPACT	17	6	0	23
STABBING	22	8	0	30
ASPHYXIA	2	3	0	5
BATTERED CHILD	12	7	0	19
OTHER/UNKNOWN	7	4	0	11
TOTAL	184	47	0	231

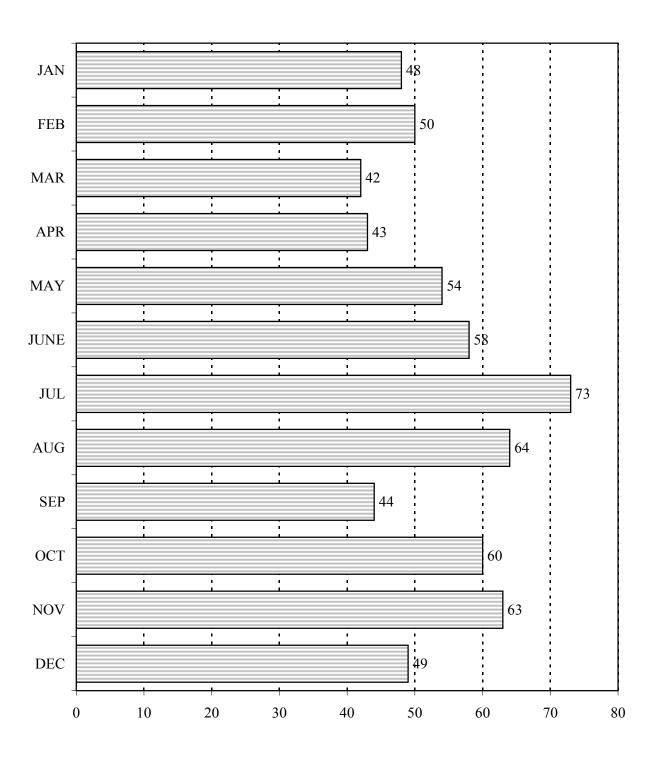
## SUICIDE DEATHS TOTAL 648



# SUICIDE DEATHS CLASSIFIED BY DAY OF WEEK TOTAL 648



# SUICIDE DEATHS CLASSIFIED BY MONTH TOTAL 648



SUICIDES

CLASSIFIED BY AGE													
METHOD/AGE	0-5	6-10	11-15	16-19	20-29	30-39	40-49	50-59	60-69	70-79	80+	UNK	TOTAL
FIREARM	0	0	8	13	59	61	86	77	54	28	9	0	395
HANGING/ASPHYXIA	0	0	4	11	36	39	26	17	4	3	5	0	145
DRUGS/POISONS	0	0	0	1	12	11	14	25	9	1	0	0	73
CARBON MONOXIDE	0	0	0	0	0	1	1	5	2	1	1	0	11
STAB/INCISED	0	0	0	0	1	3	1	2	1	0	0	0	8
OTHER	0	0	0	1	0	5	6	3	1	0	0	0	16
TOTAL	0	0	12	26	108	120	134	129	71	33	15	0	648

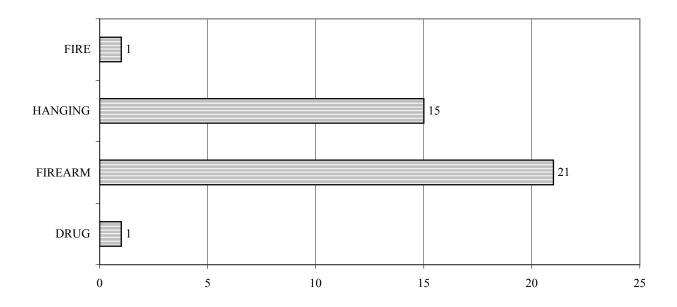
	CLASSIFIED BY RACE											
METHOD/RACE	WHITE	BLACK	AM INDIAN	HISPANIC	OTHERS	UNKNOWN	TOTAL					
FIREARM	356	16	10	10	3	0	395					
HANGING/ASPHYXIA	124	8	6	7	0	0	145					
DRUGS/POISONS	71	1	1	0	0	0	73					
CARBON MONOXIDE	10	0	1	0	0	0	11					
STAB/INCISED	6	0	2	0	0	0	8					
OTHER	12	2	1	1	0	0	16					
TOTAL	579	27	21	18	3	0	648					

SUICIDES

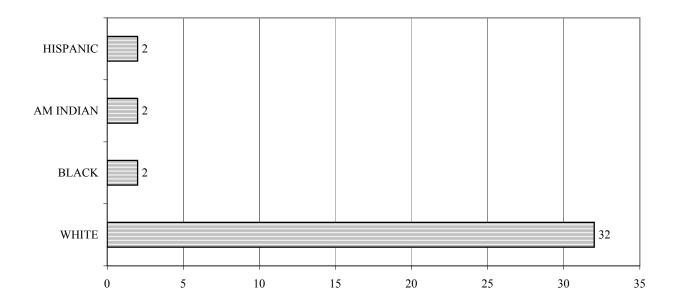
CLASSIFIED BY BLOOD ALCOHOL											
METHOD/ETOH	NO TEST	NEG	0.02 - 0.04	0.05 - 0.09	0.10 - 0.19	0.20 - 0.29	0.30+	TOTAL			
FIREARM	29	241	10	20	48	31	16	395			
HANGING/ASPHYXIA	12	85	10	6	22	8	2	145			
DRUGS/POISONS	6	53	2	3	5	3	1	73			
CARBON MONOXIDE	2	6	2	0	1	0	0	11			
STAB/INCISED	0	6	0	0	0	2	0	8			
OTHER	1	11	0	2	1	1	0	16			
TOTAL	50	402	24	31	77	45	19	648			

CLASSIFIED BY SEX					
METHOD/SEX	MALE	FEMALE	UNKNOWN	TOTAL	
FIREARM	333	62	0	395	
HANGING/ASPHYXIA	114	31	0	145	
DRUGS/POISONS	41	32	0	73	
CARBON MONOXIDE	8	3	0	11	
STAB/INCISED	6	2	0	8	
OTHER	11	5	0	16	
TOTAL	513	135	0	648	

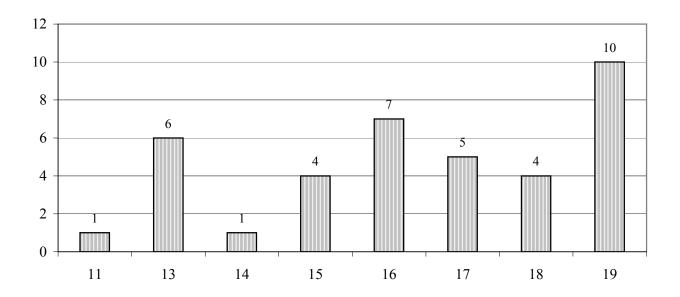
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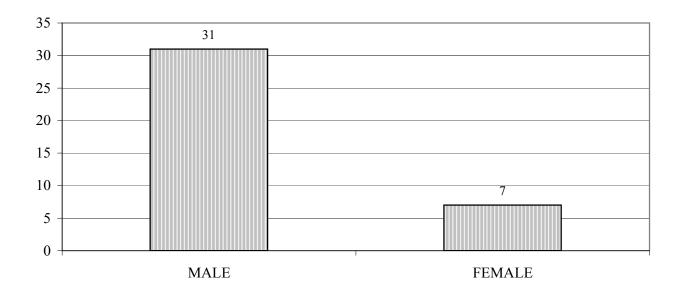
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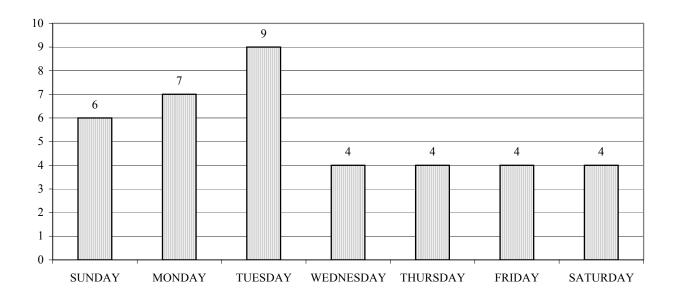
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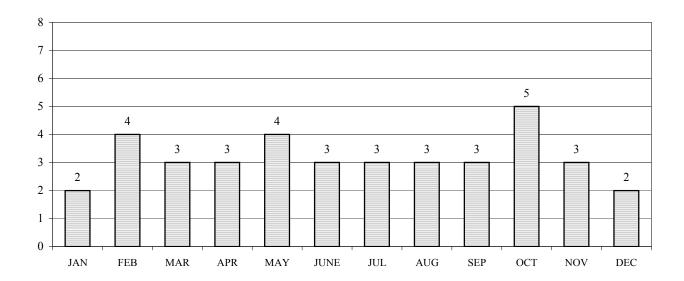
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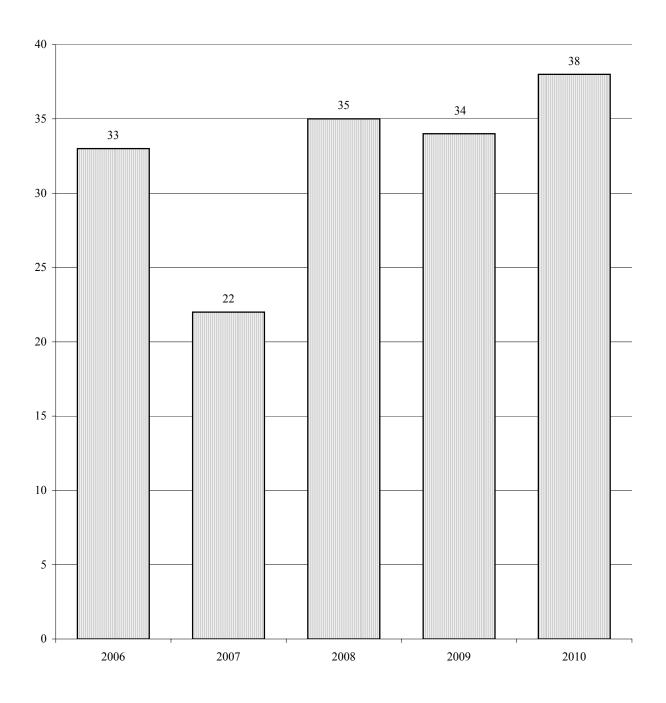
#### **CLASSIFIED BY DAY**



#### **CLASSIFIED BY MONTH**



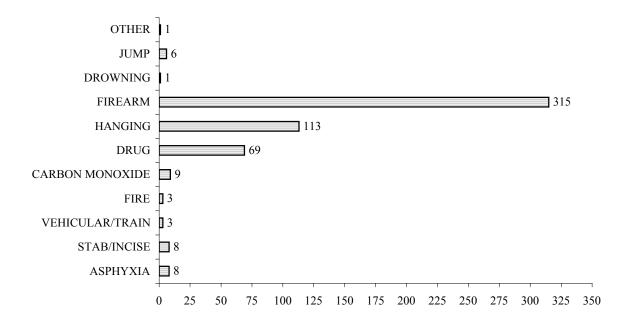
#### FIVE YEAR COMPARISON



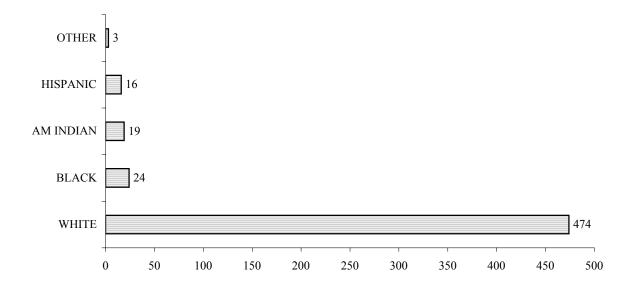
#### **CLASSIFIED BY COUNTY**

BLAINE	1
CLEVELAND	2
COMANCHE	1
CREEK	3
ELLIS	1
JOHNSTON	1
KAY	1
KIOWA	1
MAYES	2
MUSKOGEE	2
OKLAHOMA	6
PAYNE	3
PONTOTOC	1
POTTAWATOMIE	1
SEMINOLE	1
TULSA	7
WAGONER	1
WASHINGTON	1
WASHITA	1
WOODWARD	1
TOTAL	38

#### **CLASSIFIED BY METHOD**

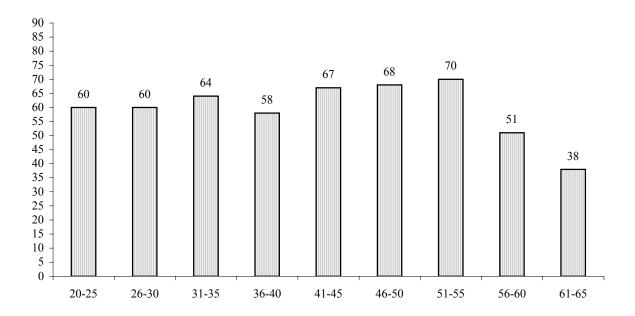


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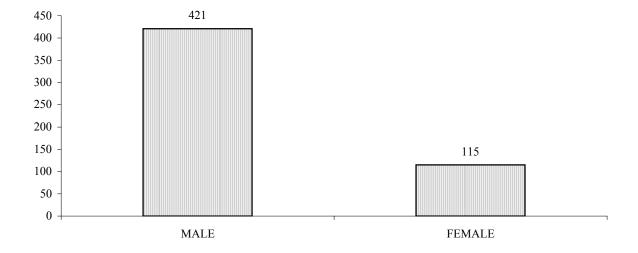


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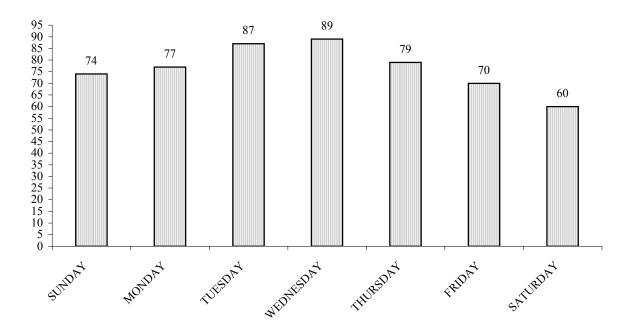
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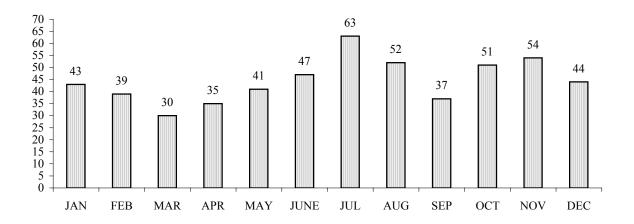
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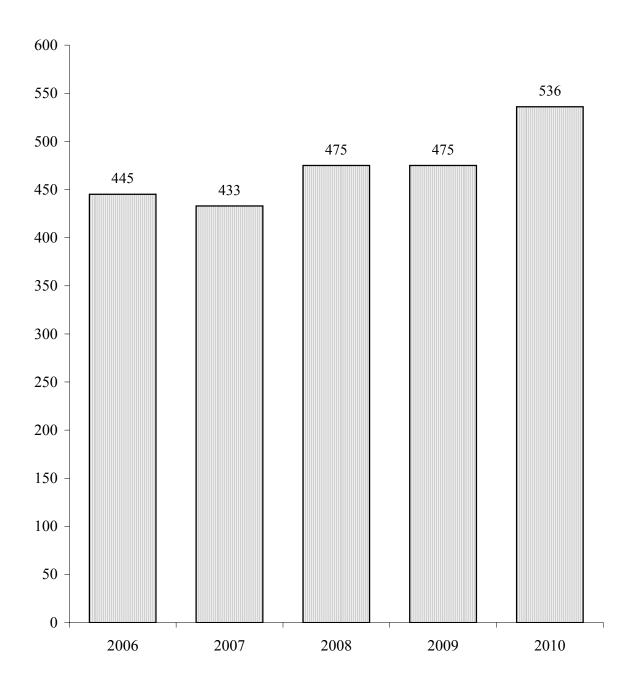
#### CLASSIFIED BY DAY OF WEEK



#### **CLASSIFIED BY MONTH**



#### FIVE YEAR COMPARISON



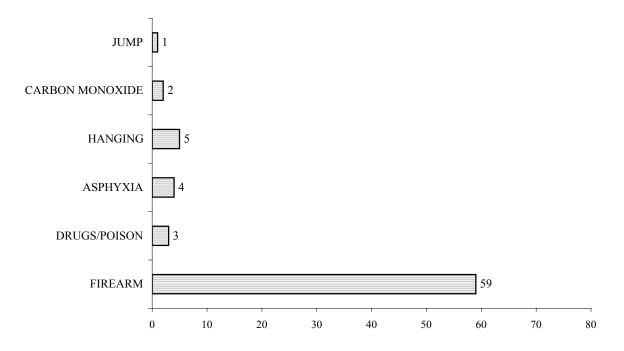
#### **CLASSIFIED BY COUNTY**

ADAIR	2
ATOKA	1
BEAVER	1
BECKHAM	1
BLAINE	4
BRYAN	11
CADDO	1
CANADIAN	8
CARTER	3
CHEROKEE	8
CHOCTAW	1
CLEVELAND	38
COMANCHE	15
CRAIG	2
CREEK	11
CUSTER	5
DELAWARE	3
GARFIELD	7
GARVIN	5
GRADY	5
GRANT	1
HASKELL	2
HUGHES	1
JACKSON	2
JEFFERSON	1
JOHNSTON	1
KAY	10
KINGFISHER	1
KIOWA	3
LATIMER	3
LEFLORE	14
LINCOLN	3
LOGAN	5
LOVE	1
MAJOR	1
MARSHALL	2
MAYES	14
MCCLAIN	6
MCCURTAIN	8
MCINTOSH	2
MURRAY	2
MUSKOGEE	10
OKFUSKEE	1
OKLAHOMA	110
OKMULGEE	3

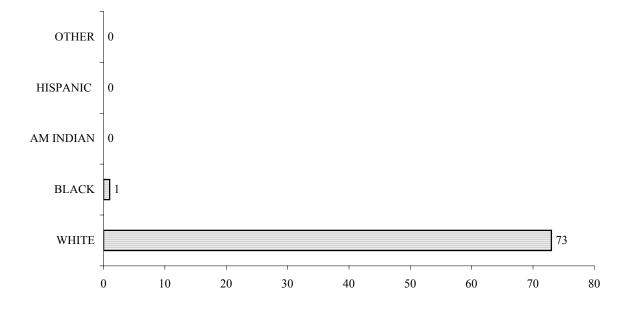
#### **CLASSIFIED BY COUNTY**

OSAGE	6
OTTAWA	6
PAWNEE	3
PAYNE	3
PITTSBURG	8
PONTOTOC	4
POTTAWATOMIE	8
PUSHMATAHA	4
ROGERS	9
SEMINOLE	7
SEQUOYAH	6
STEPHENS	9
TEXAS	2
TULSA	108
WAGONER	4
WASHINGTON	5
WASHITA	1
WOODWARD	4
TOTAL	536

#### **CLASSIFIED BY METHOD**

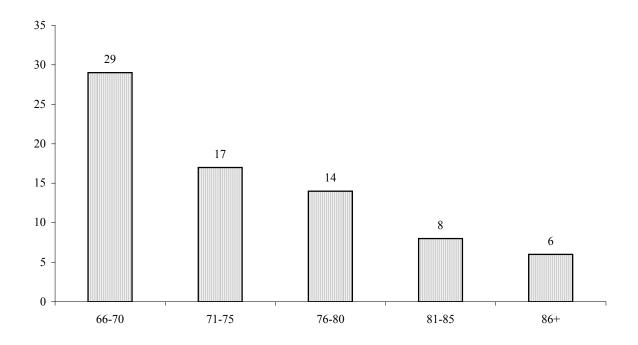


#### **CLASSIFIED BY RACE**

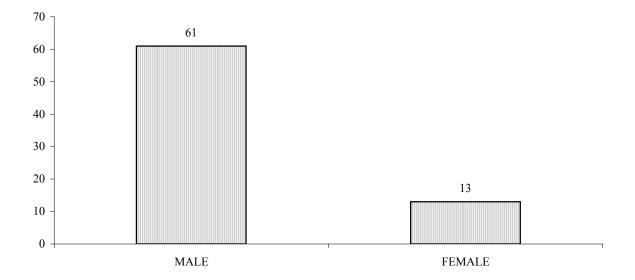


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#### **CLASSIFIED BY AGE**

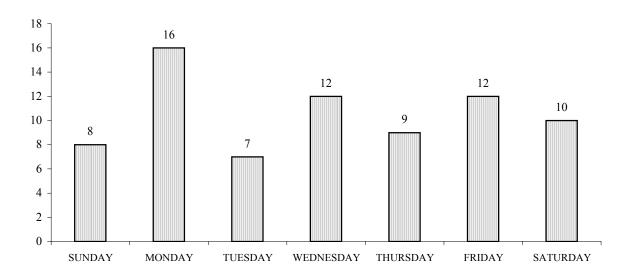


#### **CLASSIFIED BY SEX**

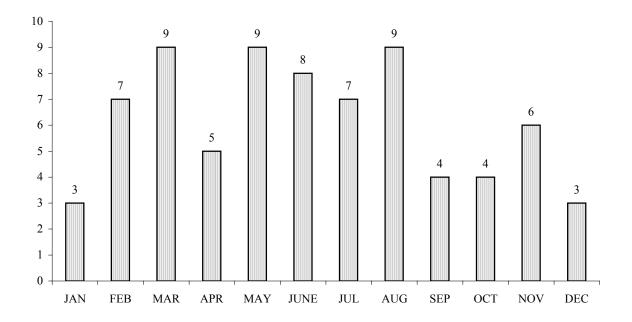


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#### **CLASSIFIED BY DAY**

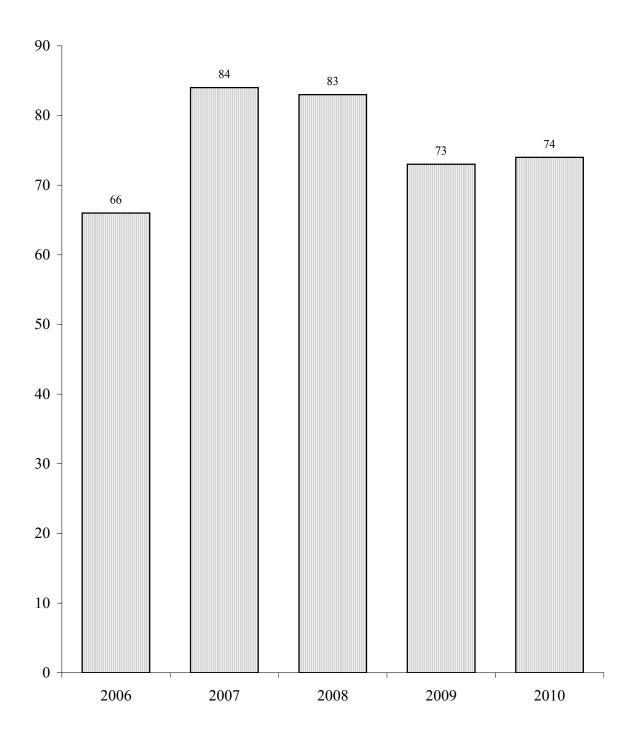


#### **CLASSIFIED BY MONTH**



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#### FIVE YEAR COMPARISON

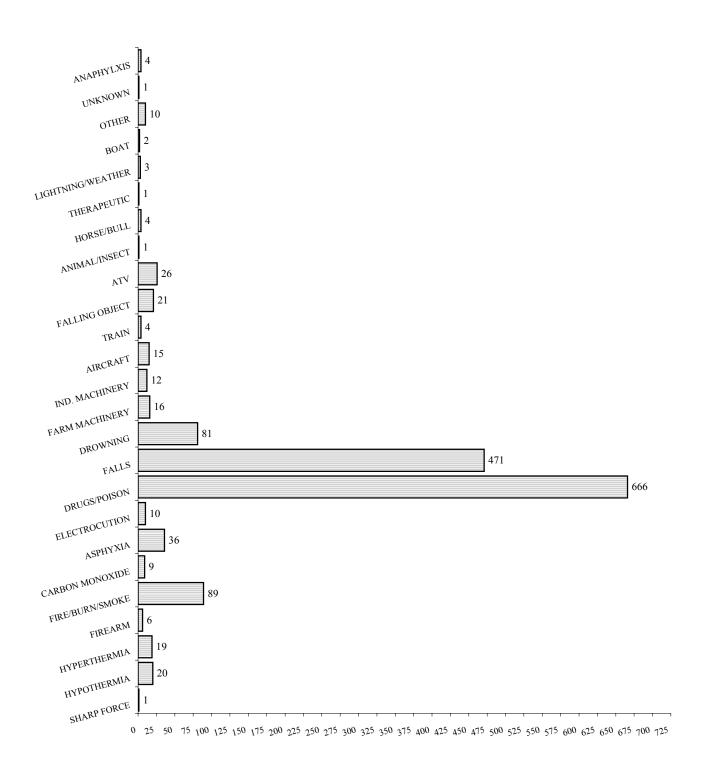


#### **CLASSIFIED BY COUNTY**

ADAIR		2
BLAINE		1
BRYAN		2
CANADIA	N	1
<b>CLEVELA</b>	ND	7
COMANCE	HE	3
CRAIG		1
CREEK		1
CUSTER		1
DELAWAR		2
GARFIELD		2
GRADY		1
MARSHAL	L	2
MAYES		1
MCCURTA		1
MCINTOSI		2
MUSKOGE	Œ	1
MUURAY		1
OKLAHOM	1A	22
OKMULGE		1
POTTAWA		4
ROGER MI		1
<b>SEQUOYA</b>	Н	1
TEXAS		1
TULSA		11
WAGONE	8	1
	TOTAL	74

## ACCIDENTAL DEATHS TOTAL 1528

(EXCLUDING TRAFFIC)



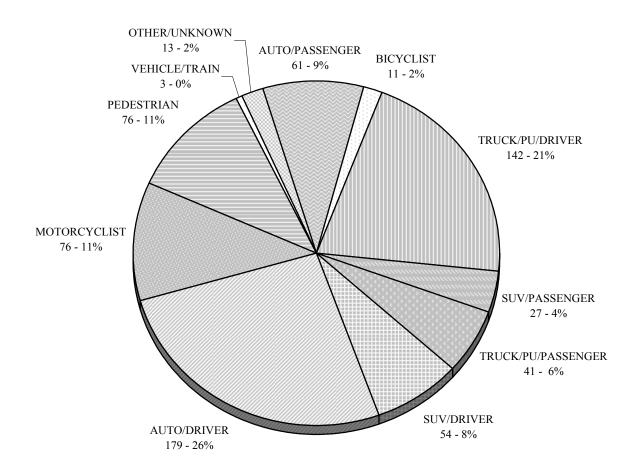
				CLA	SSIFII	ED BY	AGE						
MANNER/AGE	0-5	6-10	11-15	16-19	20-29	30-39	40-49	50-59	60-69	70-79	80+	UNK	TOTAL
ANAPHYLAXIS	0	0	0	1	0	1	1	0	0	1	0	0	4
THERAPEUTIC	0	0	0	0	0	0	1	0	0	0	0	0	1
DROWNING	17	2	5	3	13	8	14	12	5	1	1	0	81
FARM MACHINERY INDUSTRIAL	0	0	0	0	0	0	4	3	4	3	2	0	16
MACHINERY	0	0	0	0	1	1	5	2	2	1	0	0	12
FALLING OBJECT	0	0	1	3	4	3	3	2	2	3	0	0	21
ATV/MOTORCYCLE	1	2	2	1	1	4	5	3	4	3	0	0	26
TRAIN	0	0	0	1	1	1	0	1	0	0	0	0	4
HORSE/BULL	0	0	0	0	0	1	0	1	1	1	0	0	4
BOAT	0	0	0	0	0	1	0	1	0	0	0	0	2
AIRCRAFT	0	0	0	0	1	4	3	5	1	0	1	0	15
ANIMAL/INSECT	1	0	0	0	0	0	0	0	0	0	0	0	1
LIGHTING/WEATHER	0	0	0	0	1	0	0	1	1	0	0	0	3
FIREARM	0	0	1	0	1	0	1	1	1	1	0	0	6
ASPHYXIA	9	1	0	1	0	1	7	5	3	2	7	0	36
FIRE/SMOKE	9	5	0	0	8	6	14	17	11	8	11	0	89
CARBON MONOXIDE	0	0	0	0	0	1	0	0	4	1	3	0	9
ELECTROCUTION	0	0	0	1	3	2	3	0	1	0	0	0	10
FALLS	0	1	1	0	1	6	11	30	42	101	278	0	471
HYPERTHERMIA	1	0	0	2	1	4	3	3	1	1	3	0	19
HYPOTHERMIA	0	0	0	0	1	0	1	6	5	3	4	0	20
DRUGS/POISONS	1	1	1	14	93	146	180	183	40	6	1	0	666
SHARP/FORCE	0	0	0	0	0	0	0	1	0	0	0	0	1
OTHER	0	0	0	0	4	1	2	0	0	2	1	0	10
UNKNOWN	0	0	0	0	0	0	0	1	0	0	0	0	1
TOTAL	39	12	11	27	134	191	258	278	128	138	312	0	1528

		CLA	SSIFIED BY	RACE			
METHOD/RACE	WHITE	BLACK	AM INDIAN	HISPANIC	OTHERS	UNKNOWN	TOTAL
ANAPHYLAXIS	3	1	0	0	0	0	4
THERAPEUTIC	0	1	0	0	0	0	1
DROWNING	60	8	4	7	1	1	81
FARM MACHINERY INDUSTRIAL	14	0	1	1	0	0	16
MACHINERY	9	0	1	2	0	0	12
FALLING OBJECT	19	0	1	1	0	0	21
ATV/MOTORCYCLE	24	1	0	1	0	0	26
TRAIN	4	0	0	0	0	0	4
HORSE/BULL	3	1	0	0	0	0	4
BOAT	2	0	0	0	0	0	2
AIRCRAFT	14	0	0	1	0	0	15
ANIMAL/INSECT	1	0	0	0	0	0	1
LIGHTING/WEATHER	3	0	0	0	0	0	3
FIREARM	5	1	0	0	0	0	6
ASPHYXIA	30	1	4	0	1	0	36
FIRE/SMOKE	70	3	8	6	2	0	89
CARBON MONOXIDE	6	2	1	0	0	0	9
ELECTROCUTION	10	0	0	0	0	0	10
FALLS	435	12	14	8	2	0	471
HYPERTHERMIA	10	3	2	4	0	0	19
HYPOTHERMIA	13	3	3	1	0	0	20
DRUGS/POISONS	576	36	43	6	4	1	666
SHARP/FORCE	1	0	0	0	0	0	1
OTHER	9	1	0	0	0	0	10
UNKNOWN	1	0	0	0	0	0	1
TOTAL	1322	74	82	38	10	2	1528

	CLA	ASSIFIED BY SEX		
METHOD/SEX	MALE	FEMALE	UNKNOWN	TOTAL
ANAPHYLAXIS	3	1	0	4
THERAPEUTIC	1	0	0	1
DROWNING	63	18	0	81
FARM MACHINERY INDUSTRIAL	15	1	0	16
MACHINERY	12	0	0	12
FALLING OBJECT	21	0	0	21
ATV/MOTORCYCLE	24	2	0	26
TRAIN	4	0	0	4
HORSE/BULL	4	0	0	4
BOAT	2	0	0	2
AIRCRAFT	14	1	0	15
ANIMAL/INSECT	1	0	0	1
LIGHTING/WEATHER	1	2	0	3
FIREARM	6	0	0	6
ASPHYXIA	22	14	0	36
FIRE/SMOKE	45	44	0	89
CARBON MONOXIDE	7	2	0	9
ELECTROCUTION	9	1	0	10
FALLS	234	237	0	471
HYPERTHERMIA	12	7	0	19
HYPOTHERMIA	13	7	0	20
DRUGS/POISONS	413	253	0	666
SHARP/FORCE	0	1	0	1
OTHER	7	3	0	10
UNKNOWN	1	0	0	1
TOTAL	934	594	0	1528

CLASSIFIED BY BLOOD ALCOHOL												
METHOD/ETOH	NO TEST	NEG	0.02 - 0.04	0.05 - 0.09	0.10 - 0.19	0.20 - 0.29	0.30+	TOTAL				
ANAPHYLAXIS	2	2	0	0	0	0	0	4				
THERAPEUTIC	1	0	0	0	0	0	0	1				
DROWNING	8	48	5	5	5	7	3	81				
FARM MACHINERY INDUSTRIAL	2	13	0	0	0	0	1	16				
MACHINERY	0	11	1	0	0	0	0	12				
FALLING OBJECT	1	19	0	0	1	0	0	21				
ATV/MOTORCYCLE	9	11	0	0	4	1	1	26				
TRAIN	0	1	0	1	1	1	0	4				
HORSE/BULL	1	2	0	0	1	0	0	4				
BOAT	0	1	0	0	1	0	0	2				
AIRCRAFT	1	12	2	0	0	0	0	15				
ANIMAL/INSECT	0	1	0	0	0	0	0	1				
LIGHTING/WEATHER	1	2	0	0	0	0	0	3				
FIREARM	2	3	0	1	0	0	0	6				
ASPHYXIA	11	20	1	1	2	1	0	36				
FIRE/SMOKE	36	42	2	1	3	2	3	89				
CARBON MONOXIDE	0	8	1	0	0	0	0	9				
ELECTROCUTION	0	10	0	0	0	0	0	10				
FALLS	370	88	5	1	5	1	1	471				
HYPERTHERMIA	4	13	1	0	0	1	0	19				
HYPOTHERMIA	1	11	0	1	2	3	2	20				
DRUGS/POISONS	29	505	19	25	28	23	37	666				
SHARP/FORCE	0	1	0	0	0	0	0	1				
OTHER	4	5	0	1	0	0	0	10				
UNKNOWN	1	0	0	0	0	0	0	1				
TOTAL	484	829	37	37	53	40	48	1528				

# TRAFFIC DEATHS TOTAL 772



TRAFFIC

	CLASSIFIED BY AGE												
MANNER/AGE	0-5	6-10	11-15	16-19	20-29	30-39	40-49	50-59	60-69	70-79	80+	UNK	TOTAL
BICYCLIST	1	2	1	0	0	0	2	3	1	1	0	0	11
VEHICLE/TRAIN	0	0	0	1	0	0	0	0	1	1	0	0	3
PEDESTRIAN	4	3	2	3	9	12	7	19	7	1	9	0	76
MOTORCYCLIST	0	0	2	3	9	12	21	16	10	2	1	0	76
TRUCK/PU/PASS	2	1	1	8	6	10	6	4	1	2	0	0	41
TRUCK/PU/DRIVER	0	0	0	14	25	21	30	24	19	5	4	0	142
AUTO/PASSENGER	7	4	5	6	15	5	4	5	2	6	2	0	61
AUTO/DRIVER	0	0	1	13	35	29	31	24	10	21	15	0	179
SUV/PASSENGER	2	1	3	3	6	1	3	2	3	2	1	0	27
SUV/DRIVER	0	0	0	2	12	11	11	8	5	3	2	0	54
OTHER/UNKNOWN	0	0	0	1	2	3	2	1	1	2	1	0	13
TOTAL	16	11	15	54	119	104	117	106	60	46	35	0	683

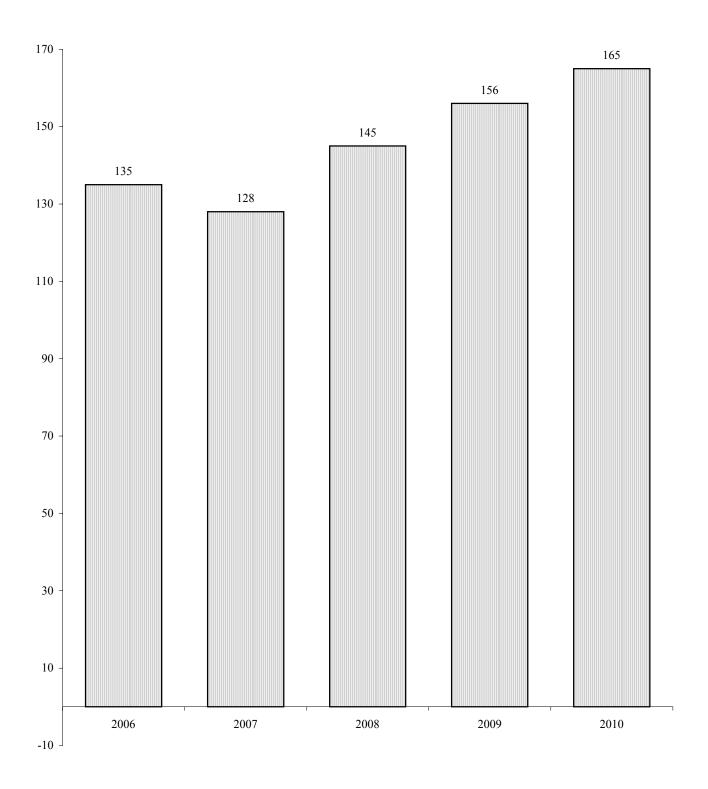
	CLASSIFIED BY RACE												
METHOD/RACE	WHITE	BLACK	AM INDIAN	HISPANIC	OTHERS	UNKNOWN	TOTAL						
BICYCLIST	11	0	0	0	0	0	11						
VEHICLE/TRAIN	1	1	0	1	0	0	3						
PEDESTRIAN	49	9	10	7	1	0	76						
MOTORCYCLIST	73	1	2	0	0	0	76						
TRUCK/PU/PASS	32	1	6	2	0	0	41						
TRUCK/PU/DRIVER	119	3	13	7	0	0	142						
AUTO/PASSENGER	49	3	6	2	1	0	61						
AUTO/DRIVER	150	8	8	11	2	0	179						
SUV/PASSENGER	16	2	5	3	1	0	27						
SUV/DRIVER	47	3	4	0	0	0	54						
OTHER/UNKNOWN	7	4	1	1	0	0	13						
TOTAL	554	35	55	34	5	0	683						

TRAFFIC

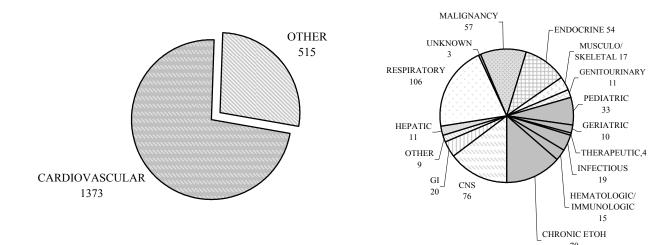
	CLASSIFIED BY BLOOD ALCOHOL												
METHOD/ETOH	NO TEST	NEG	0.02 - 0.04	0.05 - 0.09	0.10 - 0.19	0.20 - 0.29	0.30+	TOTAL					
BICYCLIST	2	8	0	0	1	0	0	11					
VEHICLE/TRAIN	0	3	0	0	0	0	0	3					
PEDESTRIAN	6	47	1	2	8	8	4	76					
MOTORCYCLIST	13	42	2	5	7	7	0	76					
TRUCK/PU/PASS	20	11	1	3	6	0	0	41					
TRUCK/PU/DRIVER	14	76	1	2	12	32	5	142					
AUTO/PASSENGER	52	4	1	1	1	2	0	61					
AUTO/DRIVER	23	103	3	6	24	18	2	179					
SUV/PASSENGER	17	8	0	0	1	0	1	27					
SUV/DRIVER	2	26	2	4	9	7	4	54					
OTHER/UNKNOWN	7	5	0	0	1	0	0	13					
TOTAL	156	333	11	23	70	74	16	683					

	CI	ASSIFIED BY SEX		
METHOD/SEX	MALE	FEMALE	UNKNOWN	TOTAL
BICYCLIST	10	1	0	11
VEHICLE/TRAIN	3	0	0	3
PEDESTRIAN	50	26	0	76
MOTORCYCLIST	72	4	0	76
TRUCK/PU/PASS	24	17	0	41
TRUCK/PU/DRIVER	117	25	0	142
AUTO/PASSENGER	31	30	0	61
AUTO/DRIVER	102	77	0	179
SUV/PASSENGER	9	18	0	27
SUV/DRIVER	30	24	0	54
OTHER/UNKNOWN	10	3	0	13
TOTAL	458	225	0	683

# TRAFFIC - DRIVER ALCOHOL GREATER THAN 0.08% W/V FIVE YEAR COMPARISON



## NATURAL DEATHS TOTAL 1888



Deaths that are classified as natural are those that occur in conformity with the ordinary course of nature. They generally come under the jurisdiction of the medical examiner because they are sudden and unexpected, often in individuals who are not being followed for any known potentially lethal disease. Some come to the attention of the medical examiner because circumstances surrounding the death arouse suspicion. In 2010, 1888 deaths were certified by the medical examiner as attributable to natural causes. Of these, 1373 (72%) were attributed to cardiovascular disease.

#### NATURALS

	CLASSIFIED BY AGE												
MANNER/AGE	0-5	6-10	11-15	16-19	20-29	30-39	40-49	50-59	60-69	70-79	80+	UNK	TOTAL
CARDIOVASCULAR	0	1	2	1	25	77	204	415	303	180	165	0	1373
RESPIRATORY	2	0	0	1	8	13	18	16	24	16	8	0	106
CNS	4	3	1	3	4	9	16	15	3	5	13	0	76
MALIGNANCY	0	0	1	0	1	2	8	20	9	9	7	0	57
НЕРАТІС	0	0	0	0	1	1	3	4	1	1	0	0	11
ENDOCRINE	0	0	0	0	5	7	9	12	8	10	3	0	54
GASTROINTESTINAL CHRONIC	1	0	0	0	2	1	1	7	4	1	3	0	20
ETHANOLISM	0	0	0	0	2	12	15	28	11	2	0	0	70
MUSCULOSKELETAL	0	0	0	0	3	3	6	3	2	0	0	0	17
GENITOURINARY	0	0	0	1	0	2	1	2	1	1	3	0	11
PEDIATRIC	33	0	0	0	0	0	0	0	0	0	0	0	33
GERIATRIC	0	0	0	0	0	0	0	0	0	2	8	0	10
THERAPEUTIC	0	0	0	0	0	0	0	2	2	0	0	0	4
INFECTIOUS HEMATOLOGIC/	0	1	1	0	2	2	1	6	1	4	1	0	19
IMMUNOLOGIC	0	0	0	2	2	3	5	2	0	0	1	0	15
OTHER	0	0	0	0	0	2	2	2	1	0	2	0	9
UNDETERMINED	1	0	0	0	0	0	1	0	1	0	0	0	3
TOTAL	41	5	5	8	55	134	290	534	371	231	214	0	1888

#### NATURALS

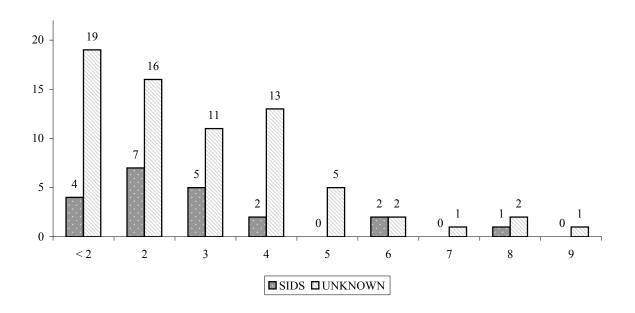
CLASSIFIED BY RACE								
METHOD/RACE	WHITE	BLACK	AM INDIAN	HISPANIC	OTHERS	UNKNOWN	TOTAL	
CARDIOVASCULAR	1132	132	76	22	10	1	1373	
RESPIRATORY	91	7	3	2	3	0	106	
CNS	56	11	4	3	2	0	76	
MALIGNANCY	45	6	4	2	0	0	57	
НЕРАТІС	10	1	0	0	0	0	11	
ENDOCRINE	40	5	7	1	1	0	54	
GASTROINTESTINAL CHRONIC	15	2	1	0	2	0	20	
ETHANOLISM	53	6	9	0	2	0	70	
MUSCULOSKELETAL	15	0	1	1	0	0	17	
GENITOURINARY	9	1	1	0	0	0	11	
PEDIATRIC	17	9	1	4	2	0	33	
GERIATRIC	9	1	0	0	0	0	10	
THERAPEUTIC	3	1	0	0	0	0	4	
INFECTIOUS	18	0	0	1	0	0	19	
HEMATOLOGIC/ IMMUNOLOGIC	8	5	2	0	0	0	15	
OTHER	9	0	0	0	0	0	9	
UNDETERMINED	0	3	0	0	0	0	3	
TOTAL	1530	190	109	36	22	1	1888	

#### NATURALS

CLASSIFIED BY SEX									
METHOD/SEX	MALE	FEMALE	UNKNOWN	TOTAL					
CARDIOVASCULAR	945	428	0	1373					
RESPIRATORY	57	49	0	106					
CNS	47	29	0	76					
MALIGNANCY	42	15	0	57					
НЕРАТІС	7	4	0	11					
ENDOCRINE	32	22	0	54					
GASTROINTESTINAL	14	6	0	20					
CHRONIC ETHANOLISM	53	17	0	70					
MUSCULOSKELETAL	12	5	0	17					
GENITOURINARY	5	6	0	11					
PEDIATRIC	20	13	0	33					
GERIATRIC	2	8	0	10					
THERAPEUTIC	2	2	0	4					
INFECTIOUS	11	8	0	19					
HEMATOLOGIC/ IMMUNOLOGIC	11	4	0	15					
OTHER	3	6	0	9					
UNDETERMINED	1	2	0	3					
				0					
TOTAL	1264	624	0	1888					

## COMPARISON SIDS (21) vs UNKNOWN (70) DEATHS AGES LESS THAN 1 YEAR

#### **CLASSIFIED BY AGE**

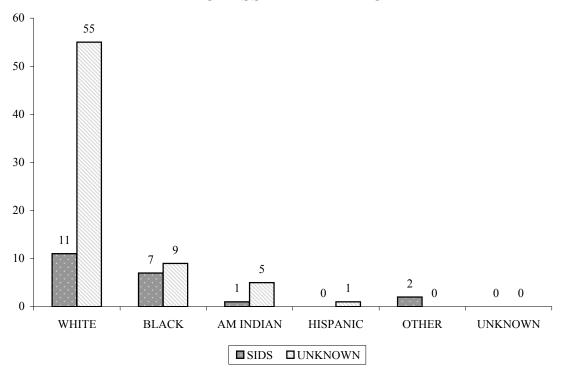


#### **CLASSIFIED BY SEX**

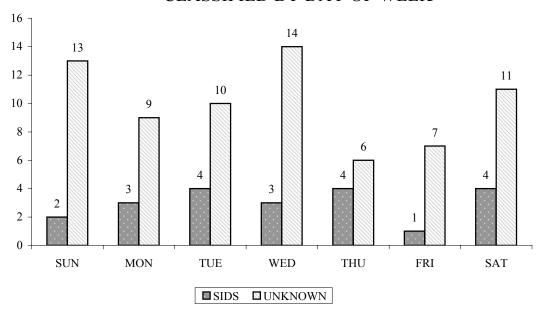


## COMPARISON SIDS (21) vs UNKNOWN (70) DEATHS AGES LESS THAN 1 YEAR

#### **CLASSIFIED BY RACE**

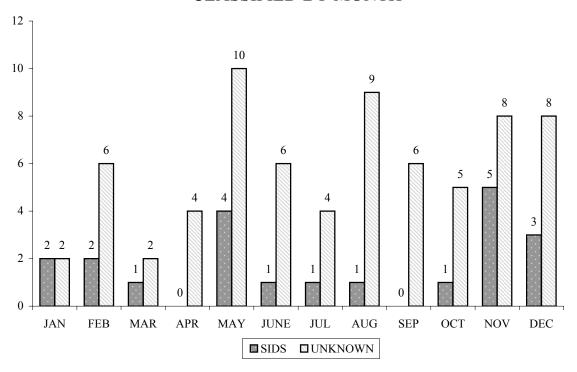


#### CLASSIFIED BY DAY OF WEEK

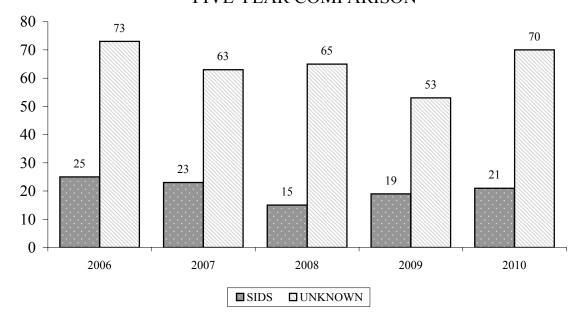


## COMPARISON SIDS (21) vs UNKNOWN (70) DEATHS AGES LESS THAN 1 YEAR

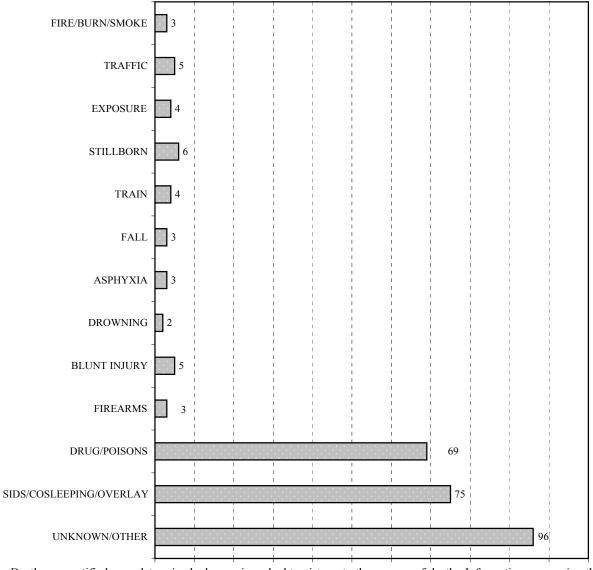
#### **CLASSIFIED BY MONTH**



#### FIVE YEAR COMPARISON



## UNDETERMINED MANNER OF DEATH TOTAL 278



Deaths are certified as undetermined when serious doubt exists as to the magner of death. Information concorning the circumstances may be lacking because of the absence of background information, lack of witnesses, or because of a lengthy delay between death and discovery. If an extensive investigation and autopsy cannot clarify the situation, the death is placed in this category.

## MEDICAL EXAMINER CASES EXAMINED AND/OR AUTOPSIED

MANNER OF DEATH BY COUNTY									
COUNTY	ACCIDENT	TRAFFIC	HOMICIDE	SUICIDE	NATURAL	UNDETER	TOTAL		
ADAIR	9	3	0	4	8	0	24		
ALFALFA	3	1	0	0	4	0	8		
ATOKA	5	4	0	1	8	0	18		
BEAVER	0	1	0	1	1	0	3		
BECKHAM	5	3	0	1	14	4	27		
BLAINE	4	1	1	6	6	1	19		
BRYAN	14	9	1	13	29	3	69		
CADDO	3	9	0	1	5	2	20		
CANADIAN	20	11	2	9	21	4	67		
CARTER	31	6	3	3	49	9	101		
CHEROKEE	18	5	3	8	21	1	56		
CHOCTAW	9	5	0	1	10	0	25		
CIMARRON	0	6	0	0	0	0	6		
CLEVELAND	67	8	8	47	70	21	221		
COAL	4	1	0	0	4	0	9		
COMANCHE	37	13	6	19	44	14	133		
COTTON	0	1	1	0	3	0	5		
CRAIG	2	0	0	3	8	1	14		
CREEK	25	2	0	15	24	5	71		
CUSTER	7	5	0	6	11	1	30		
DELAWARE	13	12	1	5	19	0	50		
DEWEY	3	1	0	0	5	0	9		
ELLIS	1	4	0	1	2	0	8		
GARFIELD	36	10	3	9	29	6	93		
GARVIN	12	5	1	5	37	1	61		
GRADY	11	10	2	6	23	2	54		
GRANT	0	2	0	1	2	0	5		
GREER	1	1	0	0	4	0	6		
HARMON	2	2	0	0	0	0	4		
HARPER	0	1	0	0	2	0	3		
HASKELL	7	2	0	2	6	0	17		

MANNER OF DEATH BY COUNTY									
COUNTY	ACCIDENT	TRAFFIC	HOMICIDE	SUICIDE	NATURAL	UNDETER	TOTAL		
HUGHES	7	4	0	1	13	0	25		
JACKSON	10	3	0	2	11	1	27		
JEFFERSON	4	2	0	1	3	1	11		
JOHNSTON	7	0	4	2	7	2	22		
KAY	17	7	1	11	21	3	60		
KINGFISHER	4	3	0	1	5	0	13		
KIOWA	8	3	0	4	5	0	20		
LATIMER	2	1	0	3	5	0	11		
LEFLORE	12	10	2	14	32	2	72		
LINCOLN	14	12	0	3	14	4	47		
LOGAN	7	6	2	5	23	3	46		
LOVE	8	5	0	1	10	0	24		
MAJOR	2	1	0	1	5	3	12		
MARSHALL	4	4	0	4	8	3	23		
MAYES	16	11	0	17	11	2	57		
McCLAIN	3	14	3	6	16	3	45		
McCURTAIN	13	14	2	9	27	3	68		
McINTOSH	10	4	2	4	16	3	39		
MURRAY	4	3	0	3	10	3	23		
MUSKOGEE	37	8	8	13	50	2	118		
NOBLE	2	5	0	0	5	2	14		
NOWATA	2	1	0	0	6	0	9		
OKFUSKEE	8	1	1	1	5	1	17		
OKLAHOMA	380	145	71	138	441	85	1260		
OKMULGEE	14	14	4	4	21	6	63		
OSAGE	7	8	0	6	14	0	35		
OTTAWA	11	8	1	6	17	0	43		
PAWNEE	12	4	1	3	10	3	33		
PAYNE	13	6	2	6	30	5	62		
PITTSBURG	16	4	6	8	32	1	67		
PONTOTOC	18	9	1	5	16	6	55		
POTTAWATOMIE	12	21	5	13	39	12	102		
PUSHMATAHA	6	9	1	4	8	0	28		
ROGER MILLS	0	6	0	1	1	1	9		

MANNER OF DEATH BY COUNTY									
COUNTY	ACCIDENT	TRAFFIC	HOMICIDE	SUICIDE	NATURAL	UNDETER	TOTAL		
ROGERS	26	12	0	9	23	1	71		
SEMINOLE	10	5	0	8	20	5	48		
SEQUOYAH	15	13	3	7	33	2	73		
STEPHENS	19	8	0	9	15	3	54		
TEXAS	3	7	1	3	7	2	23		
TILLMAN	3	1	0	0	3	0	7		
TULSA	362	114	69	126	318	22	1011		
WAGONER	20	8	1	6	23	2	60		
WASHINGTON	18	6	4	6	22	1	57		
WASHITA	0	2	0	2	5	1	10		
WOODS	5	3	0	0	4	1	13		
WOODWARD	7	3	1	5	9	1	26		
OUT OF STATE	1	0	3			1	5		
UNKNOWN	1	0	0	0	0	0	1		
TOTAL	1529	682	231	648	1888	277	5255		

#### DEATHS REPORTED TO THE MEDICAL EXAMINER

	TYPES OF DEATH BY COUNTY								
COUNTY	EXTERNAL EXAMINATION	TRANSPORT OUT OF STATE*	CREMATIONS*	AUTOPIES	JURISDICTION WAIVED	TOTAL			
ADAIR	18	7	18	6	13	62			
ALFALFA	8	4	7	0	4	23			
ATOKA	14	0	23	4	8	49			
BEAVER	3	5	4	0	11	23			
BECKHAM	15	17	38	12	12	94			
BLAINE	15	2	25	4	7	53			
BRYAN	59	54	90	10	27	240			
CADDO	14	4	28	6	20	72			
CANADIAN	39	29	143	28	71	310			
CARTER	74	29	172	27	249	551			
CHEROKEE	40	11	122	16	34	223			
CHOCTAW	18	23	11	7	21	80			
CIMARRON	6	4	0	0	5	15			
CLEVELAND	134	89	555	87	218	1083			
COAL	6	4	14	3	11	38			
COMANCHE	92	58	293	41	281	765			
COTTON	3	2	7	2	9	23			
CRAIG	9	15	40	5	5	74			
CREEK	42	19	151	29	37	278			
CUSTER	20	14	67	10	58	169			
DELAWARE	39	109	99	11	12	270			
DEWEY	8	1	5	1	6	21			
ELLIS	8	9	7	0	16	40			
GARFIELD	72	33	193	21	171	490			
GARVIN	52	14	72	9	20	167			
GRADY	39	7	97	15	73	231			
GRANT	4	4	12	1	2	23			
GREER	4	4	8	2	4	22			
HARMON	2	4	4	2	7	19			
HARPER	2	2	1	1	9	15			
HASKELL	10	7	20	7	11	55			

	TYPES OF DEATH BY COUNTY								
COUNTY	EXTERNAL EXAMINATION	TRANSPORT OUT OF STATE*	CREMATIONS*	AUTOPIES	JURISDICTION WAIVED	TOTAL			
HUGHES	19	4	28	6	17	74			
JACKSON	20	16	75	7	15	133			
JEFFERSON	9	2	19	2	11	43			
JOHNSTON	11	2	27	11	8	59			
KAY	41	21	190	19	19	290			
				3					
KINGFISHER	10	7	27		6	53			
KIOWA	16	2	21	4	9	52			
LATIMER	8	14	14	3	22	61			
LEFLORE	50	88	27	22	46	233			
LINCOLN	40	4	84	7	27	162			
LOGAN	35	14	69	11	12	141			
LOVE	20	6	22	4	9	61			
MAJOR	7	2	11	5	5	30			
MARSHALL	20	10	42	3	6	81			
MAYES	37	16	92	20	17	182			
McCLAIN	40	5	61	5	21	132			
McCURTAIN	52	18	38	16	37	161			
McINTOSH	26	6	72	13	30	147			
MURRAY	21	4	41	2	26	94			
MUSKOGEE	74	33	311	44	55	517			
NOBLE	11	3	27	3	8	52			
NOWATA	5	7	22	4	5	43			
OKFUSKEE	12	0	23	5	9	49			
OKLAHOMA	847	535	3223	413	980	5998			
OKMULGEE	42	13	84	21	34	194			
OSAGE	28	9	76	7	15	135			
OTTAWA	26	119	23	17	9	194			
PAWNEE	20	1	57	13	12	103			
PAYNE	42	19	163	20	19	263			
PITTSBURG	41	21	97	26	39	224			
PONTOTOC	43	10	104	12	38	207			
POTTAWATOMIE	64	36	199	38	47	384			
PUSHMATAHA	24	8	20	4	21	77			
ROGER MILLS	8	3	2	1	3	17			
ROGERS	47	44	179	24	64	358			
SEMINOLE	36	5	83	12	24	160			

	TYPES OF DEATH BY COUNTY									
COUNTY	EXTERNAL EXAMINATION	TRANSPORT OUT OF STATE*	CREMATIONS*	AUTOPIES	JURISDICTION WAIVED	TOTAL				
SEQUOYAH	51	58	33	22	15	179				
STEPHENS	35	25	124	19	53	256				
TEXAS	19	27	2	4	7	59				
TILLMAN	5	3	13	2	7	30				
TULSA	661	471	2738	350	378	4598				
WAGONER	40	13	101	20	24	198				
WASHINGTON	41	70	241	16	23	391				
WASHITA	8	3	18	2	17	48				
WOODS	9	9	14	4	38	74				
WOODWARD	19	11	27	7	18	82				
OUT OF STATE	0	0	1	5	0	6				
UNKNOWN	1	3	3		22	29				
TOTAL	3610	2384	11294	1645	3759	22692				

\*2640 OF THE CASES CREMATED/SHIPPED OUT OF STATE WERE ALSO MEDICAL EXAMINER CASES FOR OTHER REASONS AND WERE EXAMINED AND/OR AUTOPSIED

## DEATHS DUE TO DRUGS AND POISON

INSULIN	SINGLE DRUG DEATHS	ACCIDENT	HOMICIDE	SUICIDE	UNKNOWN	TOTAL
ACETAMINOPHEN  3 ALPRAZOLAM  5 1 6  AMTRIPTYLINE  2 3 3 2 7  BENZYLPIPERAZINE  1						
ALPRAZOLAM						_
AMITRIPTYLINE 2 3 3 2 7 BENZYLPIPERAZINE 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						
BENZYLPIPERAZINE				_		
BUTALBITAL		2		3	2	7
CHLORPROMAZINE		1				1
CTTALOPRAM   2		1				1
COCAINE		1			1	2
CODEINE   2   2   2   2   2   2   2   2   2	CITALOPRAM	2			1	3
CYCLOBENZAPRINE         1         2         3         5         5         5         DOXEPIN         1	COCAINE	16				16
DILTIAZEM	CODEINE	2				2
DIPHENHYDRAMINE   2	CYCLOBENZAPRINE			1		1
DOXEPIN   1	DILTIAZEM	1				1
DULOXETINE	DIPHENHYDRAMINE	2			3	5
ETHANOL   30	DOXEPIN	1		2		3
FENTANYL	DULOXETINE				1	1
FLUOXETINE	ETHANOL	30		1	4	35
HEROIN	FENTANYL	14		3		17
HYDROCODONE	FLUOXETINE				1	1
HYDROMORPHONE	HEROIN	2				2
HYDROXYZINE	HYDROCODONE	14		1	3	18
INSULIN	HYDROMORPHONE	1		•	•	
ISOPROTERENOL   1	HYDROXYZINE	1				1
LAMOTRIGINE       1       1         METAXALONE       1       1         METHADONE       42       5       47         METHAMPHETAMINE       70       1       71         METHOTREXATE       1       1       1         METOPROLOL       1       1       1         MIRTAZAPINE       3       3       3         MORPHINE       13       2       3       18         NORTRIPTYLINE       1       1       1       1         OLAZAPINE       2       1       3       3       3       3         OXYCODONE       27       2       3       32       32       32       0       3       32       3       32 <t< td=""><td>INSULIN</td><td></td><td></td><td>1</td><td></td><td>1</td></t<>	INSULIN			1		1
LAMOTRIGINE       1       1         METAXALONE       1       1         METHADONE       42       5       47         METHAMPHETAMINE       70       1       71         METHOTREXATE       1       1       1         METOPROLOL       1       1       1         MIRTAZAPINE       3       3       3         MORPHINE       13       2       3       18         NORTRIPTYLINE       1       1       1       1         OLAZAPINE       2       1       3       3       3       3         OXYCODONE       27       2       3       32       32       32       0       3       32       3       32 <t< td=""><td>ISOPROTERENOL</td><td>1</td><td></td><td></td><td></td><td>1</td></t<>	ISOPROTERENOL	1				1
METAXALONE         1         1           METHADONE         42         5         47           METHAMPHETAMINE         70         1         71           METHOTREXATE         1         1         1           METOPROLOL         1         1         1           MIRTAZAPINE         3         3         3           MORPHINE         13         2         3         18           NORTRIPTYLINE         1         1         1         1           OLAZAPINE         2         1         3         3         3           OXYCODONE         27         2         3         32         0         3         32         0         2         2         2         2         PHENTERMINE         1         1         1         1         7         7         7         1         1         7         7         7         7         1         1         7         7         1					1	1
METHAMPHETAMINE         70         1         71           METHOTREXATE         1         1         1           METOPROLOL         1         1         1           MIRTAZAPINE         3         3         3           MORPHINE         13         2         3         18           NORTRIPTYLINE         1         1         1         1           OLAZAPINE         2         1         3         32           OXYCODONE         27         2         3         32           OXYMORPHONE         2         2         2           PHENTERMINE         1         1         1           PROPOXYPHENE         6         1         7           THIORIDAZINE         1         1         1           TRAMADOL         2         2         2           UNKNOWN         4         2         22         28           VENLAFAXINE         1         1         2         2         2	METAXALONE			1		1
METHOTREXATE         1         1         1           METOPROLOL         1         1         1           MIRTAZAPINE         3         3         3           MORPHINE         13         2         3         18           NORTRIPTYLINE         1         1         1         1           OLAZAPINE         2         1         3         32           OXYCODONE         27         2         3         32           OXYMORPHONE         2         2         2           PHENTERMINE         1         1         1           PROPOXYPHENE         6         1         7           THIORIDAZINE         1         1         1           TRAMADOL         2         2         2           UNKNOWN         4         2         22         28           VENLAFAXINE         1         1         2         2	METHADONE	42			5	47
METHOTREXATE         1         1         1           METOPROLOL         1         1         1           MIRTAZAPINE         3         3         3           MORPHINE         13         2         3         18           NORTRIPTYLINE         1         1         1         1           OLAZAPINE         2         1         3         32           OXYCODONE         27         2         3         32           OXYMORPHONE         2         2         2           PHENTERMINE         1         1         1           PROPOXYPHENE         6         1         7           THIORIDAZINE         1         1         1           TRAMADOL         2         2         2           UNKNOWN         4         2         22         28           VENLAFAXINE         1         1         2         2	METHAMPHETAMINE	70	1			71
MIRTAZAPINE       3       3         MORPHINE       13       2       3       18         NORTRIPTYLINE       1       1       1       1         OLAZAPINE       2       1       3       3         OXYCODONE       27       2       3       32         OXYMORPHONE       2       2       2       2         PHENTERMINE       1       1       1       1         PROPOXYPHENE       6       1       7       7         THIORIDAZINE       1       1       1       1         TRAMADOL       2       2       2       2         UNKNOWN       4       2       22       28         VENLAFAXINE       1       1       2       2	METHOTREXATE	1				
MIRTAZAPINE       3       3         MORPHINE       13       2       3       18         NORTRIPTYLINE       1       1       1       1         OLAZAPINE       2       1       3       3         OXYCODONE       27       2       3       32         OXYMORPHONE       2       2       2       2         PHENTERMINE       1       1       1       1         PROPOXYPHENE       6       1       7       7         THIORIDAZINE       1       1       1       1         TRAMADOL       2       2       2       2         UNKNOWN       4       2       22       28         VENLAFAXINE       1       1       2       2	METOPROLOL			1		1
MORPHINE         13         2         3         18           NORTRIPTYLINE         1         1         1         1         1         1         1         1         0         1         3         3         3         2         3         32         3         32         3         32         2         2         3         32         3         32         3         32         3         32         3         32         32         3         32         32         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         2				3		3
NORTRIPTYLINE         1         1         3           OLAZAPINE         2         1         3           OXYCODONE         27         2         3         32           OXYMORPHONE         2         2         2           PHENTERMINE         1         1         1           PROPOXYPHENE         6         1         7           THIORIDAZINE         1         1         1           TRAMADOL         2         2         2           UNKNOWN         4         2         22         28           VENLAFAXINE         1         1         2         2	MORPHINE	13			3	18
OLAZAPINE         2         1         3           OXYCODONE         27         2         3         32           OXYMORPHONE         2         2         2         2           PHENTERMINE         1         1         1         1           PROPOXYPHENE         6         1         7         7           THIORIDAZINE         1         1         1         1           TRAMADOL         2         2         2         2           UNKNOWN         4         2         22         28           VENLAFAXINE         1         1         2         2	NORTRIPTYLINE					
OXYCODONE         27         2         3         32           OXYMORPHONE         2         2         2         2           PHENTERMINE         1         1         1         1           PROPOXYPHENE         6         1         7         7           THIORIDAZINE         1         1         1         1           TRAMADOL         2         2         2         2           UNKNOWN         4         2         22         28           VENLAFAXINE         1         1         2		2		1		
OXYMORPHONE         2           PHENTERMINE         1           PROPOXYPHENE         6           THIORIDAZINE         1           TRAMADOL         2           UNKNOWN         4           VENLAFAXINE         1           1         1           2         2           2         2           2         2           2         2           2         2           2         2           2         2           2         2           2         2           2         2           2         2           2         2           2         2           2         2           2         2           2         2           2         2           2         2           2         2           3         1           4         2           5         2           6         1           7         1           8         2           9         2           1         1					3	
PHENTERMINE         1         1         1         1         7         7         7         7         7         7         7         7         7         7         7         1         1         1         1         1         1         1         1         1         1         2 <td< td=""><td></td><td></td><td></td><td>_</td><td></td><td></td></td<>				_		
PROPOXYPHENE         6         1         7           THIORIDAZINE         1         1         1           TRAMADOL         2         2         2           UNKNOWN         4         2         22         28           VENLAFAXINE         1         1         2						
THIORIDAZINE         1         1           TRAMADOL         2         2           UNKNOWN         4         2         22         28           VENLAFAXINE         1         1         2				1		
TRAMADOL         2         2           UNKNOWN         4         2         22         28           VENLAFAXINE         1         1         2						
UNKNOWN         4         2         22         28           VENLAFAXINE         1         1         2						
VENLAFAXINE 1 1 2				2	22	
				_		
TOTAL 274 1 26 51 351	THE WITH THE PROPERTY OF THE P				1	
	TOTAL	274	1	26	51	351

## DEATHS DUE TO DRUGS AND POISON

POISON DEATHS	ACCIDENT	HOMICIDE	SUICIDE	UNKNOWN	TOTAL
1-1 DIFLUOROETHANE	1				1
DICHLORO-DIFLUROMETHANE	1				1
DIETHYL ETHER	1				1
ENDOSULFAN			1		1
ETHYLENE GLYCOL	1		7		8
ETHYLENE GLYCOL, COCAINE			1		1
FREON	1				1
HELIUM	1				1
METHANOL	1				1
TOLUENE	2				2
TOTAL	9	0	9	0	18

MULTIPLE DRUG DEATHS	ACCIDENT	HOMICIDE	SUICIDE	UNKNOWN	TOTAL
ALPRAZOLAM, ETHANOL	3				3
ALPRAZOLAM, HYDROCODONE, CARISOPRODOL, PROPOXYPHENE,					
NORDIAZEPAM	1				1
ALPRAZOLAM, HYDROCODONE, FENTANYL & ACETAMINOPHEN			1		1
ALPRAZOLAM, LORAZEPAM, BUPRENORPHINE	1				1
AMITRIPTYLINE, ALPRAZOLAM, ETHANOL, FLUOXETINE	1				1
AMITRIPTYLINE, FLUOXETINE	1				1
AMITRIPTYLINE, HYDROCODONE			1		1
AMITRIPTYLINE, HYDROCODONE, ALPRAZOLAM	1				1
AMITRIPTYLINE, NORTRIPTYLINE, CITALOPRAM, ETHANOL			1		1
AMITRIPTYLINE, NORTRIPTYLINE, MIRTAZAPINE	1				1
AMITRIPTYLINE, PROPOXYPHENE, ALPRAZOLAM				1	1
AMITRIPTYLINE, VALPROIC ACID				1	1
AMITRIPTYLINE, VENLAFAXINE	1				1
AMPHETAMINE, METHADONE	2				2
BUPROPION, CHLORDIAZEPOXIDE			1		1
BUTABARBITAL, CODEINE			1		1
BUTALBITAL, ACETAMINOPHEN	1				1
CARBAMAZEPINE, ETHANOL	1				1
CARISOPRODOL, ALPRAZOLAM	1		1		2
CARISOPRODOL, BUTALBITAL, HYDROCODONE	1				1
CARISOPRODOL, ETHANOL	1				1
CARISOPRODOL, HYDROCODONE, ALPRAZOLAM	1				1
CARISOPRODOL, QUETIAPINE, ETHANOL	1				1
CARVEDILOL, POTASSIUM, FUROSEMIDE, PROMETHAZINE	1				1
CHLORDIAZEPOXIDE, ETHANOL	1				1
CHLORDIAZEPOXIDE, NORDIAZEPAM, ETHANOL	1				1
CITALOPRAM, COCAINE			1		1
CITALOPRAM, METHADONE, HYDROCODONE	1				1
COCAINE, OXYCODONE	3				3
COCAINE, ALPRAZOLAM	1				1
COCAINE, AMPHETAMINE, OPIATE, BENZODIAZEPINE	1				1
COCAINE, BUTALBITAL	1				1
COCAINE, ETHANOL	5				5

MULTIPLE DRUG DEATHS	ACCIDENT	HOMICIDE	SUICIDE	UNKNOWN	TOTAL
COCAINE, HYDROCODONE, ALPRAZOLAM	1				1
COCAINE, METHADONE	1				1
COCAINE, MORPHINE, CODEINE, ALCOHOL	1				1
COCAINE, MORPHINE, OXYCODONE	1				1
COCAINE, OPIATE	1				1
COCAINE, OXYCODONE, ETHANOL	1				1
CODEINE, FLUOXETINE, ETHANOL				1	1
CYCLOBENZAPRINE, METHADONE	1				1
CYCLOBENZAPRINE, TEMAZEPAM	1				1
CYCLOBENZAPRINE. TRAZODONE, CITALOPRAM	1				1
DEXTROMETHORPHAN, MORPHINE, ETHANOL			1		1
DIAZEPAM, HYDROMORPHONE	1				1
DIAZEPAM, NORDIAZEPAM, ALPRAZOLAM	1				1
DILTIAZEM, PROMETHAZINE	1				1
DIPHENHYDRAMINE, IMIPRAMINE				1	1
DIPHENHYDRAMINE, MIRTAZPINE	1				1
DIPHENHYDRAMINE, OXYCODONE	1				1
DIPHENHYDRAMINE, PROMETHAZINE, HYDROCODONE, EPHEDRINE,					
CITALOPRAM	1				1
DIPHENHYDRAMINE, ZOLPIDEM, BUPROPION	1				1
DIPHENHYDRAMINE; DOXYLAMINE; ALPRAZOLAM; PROPOXYPHENE	1				1
DOXEPIN, METHADONE, ALPRAZOLAM	1				1
DOXYLAMINE, ETHANOL	1				1
FENTANYL, ALPRAZOLAM	5		1		6
FENTANYL, ALPRAZOLAM, CITALOPRAM	1				1
FENTANYL, ALPRAZOLAM, DIPHENHYDRAMINE, VENLAFAXINE,					
CYCLOBENZAPRINE			1		1
FENTANYL, ALPRAZOLAM, FLUOXETINE, MIRTAZAPINE	1				1
FENTANYL, ALPRAZOLAM, HYDROCODONE, DIAZEPAM	1				1
FENTANYL, COCAINE	1				1
FENTANYL, CODEINE, MORPHINE, CARISOPRODOL, TEMAZEPAM,					
LORAZEPAM	1				1
FENTANYL, DIAZEPAM	1				1
FENTANYL, DIAZEPAM, CITALOPRAM	1				1

MULTIPLE DRUG DEATHS	ACCIDENT	HOMICIDE	SUICIDE	UNKNOWN	TOTAL
FENTANYL, DOXEPIN				1	1
FENTANYL, ETHANOL, MIRTAZEPINE, CYCLOBENZAPRINE,					
CITALOPRAM	1				1
FENTANYL, HYDROCODONE	6				6
FENTANYL, HYDROCODONE, DIAZEPAM	1				1
FENTANYL, HYDROCODONE, HYDROMORPHONE	1				1
FENTANYL, HYDROCODONE, METAXALONE	1				1
FENTANYL, HYDROCODONE, PROMETHAZINE, SERTRALINE	1				1
FENTANYL, METHAMPHETAMINE	2				2
FENTANYL, METHAMPHETAMINE, ETHANOL, DIAZEPAM	1				1
FENTANYL, MORPHINE	2				2
FENTANYL, OXYCODONE, ALPRAZOLAM	1				1
FENTANYL, OXYCODONE, HYDROCONE	1				1
FENTANYL, PROPOXYPHENE, ETHANOL	1				1
FENTANYL, TRAMADOL, ALPRAZOLAM, DIAZEPAM,					
CYCLOBENZAPRINE	1				1
FENTANYL, TRAMADOL, DIPHENHYDRAMINE, CITALOPRAM,					
TRAZODONE	1				1
FENTNAYL, BUTALBITAL, CARISOPRODOL, MEPROBAMATE	1				1
FLUOXETINE, COCAINE	1				1
FLUOXETINE, MORPHINE, HYDROCODONE, QUETIAPINE			1		1
FLUOXETINE, NORFLUOXETINE	1				1
FLUOXETINE, NORFLUOXETINE, METHADONE	1				1
FLUVOXAMINE, METHYLPHENIDATE	1				1
HEROIN, ALPRAZOLAM				1	1
HEROIN, ETHANOL	1				1
HEROIN, HYDROCODONE	1				1
HYDROCODONE, ACETAMINOPHEN			1		1
HYDROCODONE, ALPRAZOLAM	16		1	1	18
HYDROCODONE, ALPRAZOLAM, CARISOPRODOL, DIAZEPAM,					
LORAZEPAM	1				1
HYDROCODONE, ALPRAZOLAM, DIAZEPAM	1				1
HYDROCODONE, ALPRAZOLAM, ETHANOL	3				3
HYDROCODONE, ALPRAZOLAM, PROMETHAZINE	1				1

MULTIPLE DRUG DEATHS	ACCIDENT	HOMICIDE	SUICIDE	UNKNOWN	TOTAL
HYDROCODONE, ALPRAZOLAM, VERAPAMIL	1				1
HYDROCODONE, ALPRAZOLAM, ZOLPIDEM	1				1
HYDROCODONE, BUPROPION			1		1
HYDROCODONE, CARISOPRODOL	2				2
HYDROCODONE, CARISOPRODOL, ALPRAZOLAM	3				3
HYDROCODONE, CARISOPRODOL, ETHANOL	1				1
HYDROCODONE, CARISOPRODOL, MEPROBAMATE	1				1
HYDROCODONE, CARISOPRODOL, MEPROBAMATE AND					
PROPOXYPHENE	1				1
HYDROCODONE, CARISOPRODOL, MEPROBAMATE, FLUOXETINE,					
NORFLUOXETINE	1				1
HYDROCODONE, CARISOPRODOL, MEPROBAMATE, TRAMADOL	1				1
HYDROCODONE, CHLORPHENIRAMINE	1				1
HYDROCODONE, CITALOPRAM	1				1
HYDROCODONE, CLONAZEPAM	1				1
HYDROCODONE, COCAINE	2		1		3
HYDROCODONE, CYCLOBENZAPRINE, DOXEPIN	1				1
HYDROCODONE, DIAZEPAM, ALPRAZOLAM	1				1
HYDROCODONE, DIAZEPAM, NORDIAZEPAM	1				1
HYDROCODONE, DICYCLOMINE	1				1
HYDROCODONE, DIPHENHYDRAMINE	2				2
HYDROCODONE, ETHANOL	7				7
HYDROCODONE, ETHANOL, TEMAZEPAM, CITALOPRAM			1		1
HYDROCODONE, HYDROMORPHONE	1				1
HYDROCODONE, MEPROBAMATE, CARISOPRODOL			1	1	2
HYDROCODONE, METHYLPHENIDATE, ACETOMINOPHEN,					
DEXTROMETHORPHAN			1		1
HYDROCODONE, MIRTAZAPINE, ETHANOL	1				1
HYDROCODONE, OXYCODONE, ALPRAZOLAM	3				3
HYDROCODONE, OXYCODONE, CARISOPRODOL, MEPROBAMATE	1				1
HYDROCODONE, OXYCODONE, ETHANOL	1				1
HYDROCODONE, OXYCODONE, OXYMORPHONE, HYDROMORPHONE	1				1
HYDROCODONE, PROPOXYPHENE	1				1
HYDROCODONE, TRAMADOL, ETHANOL	1				1

MULTIPLE DRUG DEATHS	ACCIDENT	HOMICIDE	SUICIDE	UNKNOWN	TOTAL
HYDROCODONE, TRAZODONE, DIPHENHYDRAMINE	1				1
HYPOGLYCEMIC, ANTIHYPERTENSIVE DRUGS	1				1
LEVOMETHAMPHETAMINE, HYDROCODONE	1				1
LOXAPINE, OLANZAPINE, AMOXAPINE	1				1
MEPERIDINE, ETHANOL	2				2
METHADONE, ALPRAZOLAM	14				14
METHADONE, ALPRAZOLAM, DIAZEPAM			1		1
METHADONE, ALPRAZOLAM, DIPHENHYDRAMINE	1				1
METHADONE, ALPRAZOLAM, LORAZEPAM, MIDAZOLAM	1				1
METHADONE, ALPRAZOLAM, OXYCODONE	2				2
METHADONE, CARISOPRODOL	1				1
METHADONE, CARISOPRODOL, ALPRAZOLAM	1				1
METHADONE, CLONAZEPAM, MIDAZOLAM, PAROXETINE	1				1
METHADONE, DESIPRAMINE	1				1
METHADONE, DEXTROMETHORPHAN	1				1
METHADONE, DIPHENHYDRAMINE, ETHANOL	1				1
METHADONE, ETHANOL	5				5
METHADONE, HYDROCODONE	4			2	6
METHADONE, HYDROCODONE, DIAZEPAM	1				1
METHADONE, HYDROCODONE, DIAZEPAM, ALPRAZOLAM	1				1
METHADONE, METHAMPHETAMINE, HYDROCODONE				1	1
METHADONE, MORPHINE	1				1
METHADONE, OXYCODONE, HYDROCODONE	1				1
METHADONE, OXYCODONE, HYDROMORPHONE AND MORPHINE	1				1
METHADONE, PROPOXYPHENE, DIAZEPAM	1				1
METHADONE, PROPOXYPHENE, NORPROPOXYPHENE	1				1
METHADONE, SERTRALINE	1				1
METHADONE, SERTRALINE, DIPHENHYDRAMINE, MIRTAZAPINE	1				1
METHADONE, TRAZODONE	2		1		3
METHAMPHETAMINE, AMPHETAMINE, HYDROCODONE, MORPHINE,					
TRAMADOL	1				1
METHAMPHETAMINE, ALPRAZOLAM				1	1
METHAMPHETAMINE, ALPRAZOLAM, METHADONE	1				1
METHAMPHETAMINE, AMPHETAMINE, BUPROPION	1				1

MULTIPLE DRUG DEATHS	ACCIDENT	HOMICIDE	SUICIDE	UNKNOWN	TOTAL
METHAMPHETAMINE, AMPHETAMINE, COCAINE, BENZOYLECGONINE	1				1
METHAMPHETAMINE, AMPHETAMINE, HYDROCODONE	1				1
METHAMPHETAMINE, AMPHETAMINE, MORPHINE, HYDROCODONE	1				1
METHAMPHETAMINE, COCAINE, ETHANOL	1				1
METHAMPHETAMINE, COCAINE, HYDROCODONE	1				1
METHAMPHETAMINE, COCAINE, OXYCODONE	1				1
METHAMPHETAMINE, DEXTROMETHORPHAN	1				1
METHAMPHETAMINE, ETHANOL	1				1
METHAMPHETAMINE, FENTANYL, HYDROCODONE	1				1
METHAMPHETAMINE, HYDROCODONE, OXYMORPHONE				1	1
METHAMPHETAMINE, MORPHINE	2				2
METHAMPHETAMINE, MORPHINE, DIAZEPAM	1				1
METHAMPHETAMINE, OXYCODONE	1				1
METHAMPHETAMINE, OXYCODONE, ALPRAZOLAM, DIAZEPAM	1				1
METHAMPHETAMINE, OXYCODONE, HYDROCODONE, DIAZEPAM,					
ETHANOL	1				1
METHAMPHETAMINE, OXYCODONE, HYDROMORPHONE,					
ALPRAZOLAM, DIAZEPAM	1				1
METHAMPHETAMINE, TRAMADOL, METHADONE	1				1
METHAMPHETMAINE, AMPHETAMINE, HYDROCODONE, ETHANOL	1				1
METOPROLOL, MIRTAZEPINE			1		1
MIRTAZAPINE, CITALOPRAM, BUPROPION	1				1
MIRTAZAPINE, OXYCODONE	1				1
MORPHINE, ALPRAZOLAM	5			1	6
MORPHINE, BARBITURATE, BENZODIAZEPINE, ACETAMINOPHEN	1				1
MORPHINE, CARISOPRODOL	1				1
MORPHINE, CARISOPRODOL, ALPRAZOLAM	1				1
MORPHINE, CITALOPRAM, BUPRION	1				1
MORPHINE, COCAINE	2				2
MORPHINE, CODEINE	1				1
MORPHINE, CYCLOBENZAPRINE	1				1
MORPHINE, CYCLOBENZAPRINE, CITALOPRAM	1				1
MORPHINE, DIAZEPAM, NORDIAZEPAM, TRAMADOL	1				1

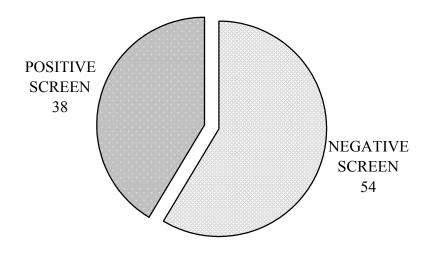
MULTIPLE DRUG DEATHS	ACCIDENT	HOMICIDE	SUICIDE	UNKNOWN	TOTAL
MORPHINE, DIAZEPAM, SERTRALINE, CYCLOBENZAPRINE	1				1
MORPHINE, DIPHENHYDRAMINE, CITALOPRAM	1				1
MORPHINE, DIPHENHYDRAMINE, DIAZEPAM, MIDAZOLAM	1				1
MORPHINE, ETHANOL	3				3
MORPHINE, ETHANOL, DIAZEPAM	1				1
MORPHINE, FENTANYL, DIAZEPAM, TRAZODONE, CITALOPRAM	1				1
MORPHINE, HYDROCODONE	4				4
MORPHINE, HYDROCODONE, ALPRAZOLAM	1				1
MORPHINE, HYDROCODONE, ALPRAZOLAM, DIPHENHYDRAMINE	1				1
MORPHINE, HYDROCODONE, CARISOPRODOL, DIAZEPAM	1				1
MORPHINE, HYDROCODONE, CARISOPRODOL, ETHANOL	1				1
MORPHINE, HYDROCODONE, HYDROMORPHONE, ALPRAZOLAM	1				1
MORPHINE, HYDROCODONE, OXYCODONE	1				1
MORPHINE, METHYLENEDIOXYMETHYL-	1				1
MORPHINE, MIDAZOLAM	1				1
MORPHINE, OXYCODONE	3			1	4
MORPHINE, OXYCODONE, DICYCLOMINE, CITALOPRAM, TRAZODONE	1				1
MORPHINE, OXYCODONE, HYDROCODONE, FLUOXETINE	1				1
MORPHINE, OXYCODONE, OXYMORPHONE, HYDROMORPHONE	1				1
MORPHINE, TRAZODONE, CITALOPRAM	1				1
NORTRIPTYLINE, FLUOXETINE, ETHANOL	1				1
OLANZAPINE, CITALOPRAM, DIPHENHYDRAMINE	1				1
OXYCODONE, ACETAMINOPHEN				1	1
OXYCODONE, ALPRAZOLAM	11		1		12
OXYCODONE, ALPRAZOLAM, CLONAZEPAM	1				1
OXYCODONE, ALPRAZOLAM, DIAZEPAM, MIDAZOLAM	1				1
OXYCODONE, ALPRAZOLAM, DIAZEPAM, MIRTAZEPINE	1				1
OXYCODONE, ALPRAZOLAM, ETHANOL	2				2
OXYCODONE, ALPRAZOLAM, ETHANOL, METHYLPHENIDATE	1				1
OXYCODONE, ALPRAZOLAM, VALPROIC ACID	1				1
OXYCODONE, AMPHETAMINE	1				1
OXYCODONE, BENZOYLECGONINE, HYDROCODONE, ALPRAZOLAM	1				1
OXYCODONE, CARISOPRODOL	1				1
OXYCODONE, CARISOPRODOL, ALPRAZOLAM	1				1

MULTIPLE DRUG DEATHS	ACCIDENT	HOMICIDE	SUICIDE	UNKNOWN	TOTAL
OXYCODONE, CARISOPRODOL, MEPROBAMATE	1				1
OXYCODONE, CARISOPRODOL, PROMETHAZINE	1				1
OXYCODONE, CITALOPRAM	1				1
OXYCODONE, CITALOPRAM, DIAZEPAM	1				1
OXYCODONE, COCAINE, AMITRIPTYLINE	1				1
OXYCODONE, CODEINE	1				1
OXYCODONE, CYCLOBENZAPRINE, AMITRIPTYLINE,					
DIPHENHYDRAMINE	1				1
OXYCODONE, DIAZEPAM	1				1
OXYCODONE, DIAZEPAM, ALPRAZOLAM	1				1
OXYCODONE, DIAZEPAM, CARISOPRODOL, AMITRIPTYLINE,					
CYCLOBENZAPRINE, CITALOPRAM	1				1
OXYCODONE, DIAZEPAM, PROMETHAZINE, DEXTROMETHORPHAN,					
PAROXETINE	1				1
OXYCODONE, DIPHENHYDRAMINE	1				1
OXYCODONE, DIPHENHYDRAMINE, CITALOPRAM, BUTALBITAL,					
CARISOPRODOL	1				1
OXYCODONE, ETHANOL	10				10
OXYCODONE, ETHANOL, CYCLOBENZAPRINE, QUETIAPINE	1				1
OXYCODONE, ETHANOL, DIAZEPAM	2				2
OXYCODONE, ETHANOL, DIPHENHYDRAMINE			1		1
OXYCODONE, HYDROCODONE	5				5
OXYCODONE, HYDROCODONE, ALPRAZOLAM	3		1		4
OXYCODONE, HYDROCODONE, ALPRAZOLAM, CARISOPRODOL	1				1
OXYCODONE, HYDROCODONE, CARISOPRODOL	1				1
OXYCODONE, HYDROCODONE, CARISOPRODOL, MEPROBAMATE	1				1
OXYCODONE, HYDROCODONE, DIAZEPAM, DIPHENHYDRAMINE,					
CITALOPRAM, TRAZODONE	1				1
OXYCODONE, HYDROCODONE, ETHANOL	1				1
OXYCODONE, LORAZEPAM	1				1
OXYCODONE, METHADONE	1				1
OXYCODONE, MORPHINE	1				1
OXYCODONE, OXYMORPHONE	6				6
OXYCODONE, OXYMORPHONE, ALPRAZOLAM	4				4

MULTIPLE DRUG DEATHS	ACCIDENT	HOMICIDE	SUICIDE	UNKNOWN	TOTAL
OXYCODONE, OXYMORPHONE, DIPHENHYDRAMINE, TRAMADOL,					
CYCLOBENZAPRINE	1				1
OXYCODONE, OXYMORPHONE, MORPHINE	1				1
OXYCODONE, PROMETHAZINE, CITALOPRAM	1				1
OXYCODONE, SERTRALINE, OLANZAPINE	1				1
OXYCODONE, TRAMADOL	1				1
OXYCODONE, TRAMADOL, ALPRAZOLAM	1				1
OXYCODONE, ZOLPIDEM			1		1
OXYMORPHONE, ALPRAZOLAM, DIAZEPAM	1				1
OXYMORPHONE, ALPRAZOLAM, ETHANOL	1				1
OXYMORPHONE, CITALOPRAM	1				1
OXYMORPHONE, ETHANOL	1				1
OYXCODONE, DIAZEPAM, ALPRAZOLAM	1				1
PAROXETINE, OXYMORPHONE, ETHANOL	1				1
PROMETHAZINE, METHADONE			1		1
PROMETHAZINE, MORPHINE, HYDROCODONE, FLUOXETINE,					
ALPRAZOLAM, DIPHENHYDRAMINE	1				1
PROPOXYPHENE, ACETAMINOPHEN			1		1
PROPOXYPHENE, ALPRAZOLAM, DIPHENHYDRAMINE	1				1
PROPOXYPHENE, ALPRAZOLAM, PROMETHAZINE	1				1
PROPOXYPHENE, DIAZEPAM, ETHANOL			1		1
PROPOXYPHENE, ETHANOL	1		1		2
PROPOXYPHENE, FENTANYL, ALPRAZOLAM	1				1
PROPOXYPHENE, NORPROPOXYPHENE, ALPRAZOLAM	2				2
PROPOXYPHENE, NORPROPOXYPHENE, MIRTAZAPINE	1				1
PROPOXYPHENE, NORPROPOXYPHENE, TRAZODONE	1				1
SALICYLATE, ACETAMINOPHEN, HYDROCODONE			1		1
SALICYLATE, AMITRIPTYLINE, SERTRALINE			1		1
THIOPENTAL, VECURONIUM, POTASSIUM CHLORIDE		3			3
TRAMADOL WITH PROPOXYPHENE, HYDROCODONE,					
ACETAMINOPHEN			1		1
TRAMADOL, ALPRAZOLAM			1		1
TRAMADOL, ALPRAZOLAM, CYCLOBENZAPRINE	1				1
TRAMADOL, CHLORDIAZEPOXIDE, DIAZEPAM	1				1

MULTIPLE DRUG DEATHS	ACCIDENT	HOMICIDE	SUICIDE	UNKNOWN	TOTAL
TRAMADOL, CITALOPRAM, HYDROXYZINE			1		1
TRAMADOL, CYCLOBENZAPRINE	1				1
TRAMADOL, DIPHENHYDRAMINE			1		1
TRAMADOL, DIPHENHYDRAMINE, ETHANOL	1				1
TRAMADOL, DOXEPIN	1				1
TRAMADOL, ETHANOL			1		1
TRAMADOL, HYDROCODONE	1				1
TRAMADOL, HYDROCODONE, ALPRAZOLAM, NORDIAZEPAM	1				1
TRAMADOL, HYDROCODONE, CHLORDIAZEPOXIDE, NORDIAZEPAM,					
CITALOPRAM	1				1
TRAMADOL, METHAMPHETAMINE	1				1
TRAMADOL, MORPHINE	2				2
TRAMADOL, MORPHINE, ETHANOL	1				1
TRAMADOL, PAROXETINE	1				1
VENLAFAXINE, ALPRAZOLAM, MORPHINE	1				1
VENLAFAXINE, BUPROPION			1		1
VENLAFAXINE, FLUOXETINE, DIPHENHYDRAMINE				1	1
VERAPAMIL, OLANZAPINE	1				1
ZOLPIDEM, HYDROCODONE, ETHANOL	1				1
ZOLPIDEM, QUETIAPINE			1		1
TOTAL	383	3	38	17	441

### HOMICIDES SCREENED FOR DRUGS 92 OF 265 (35%) WERE SCREENED



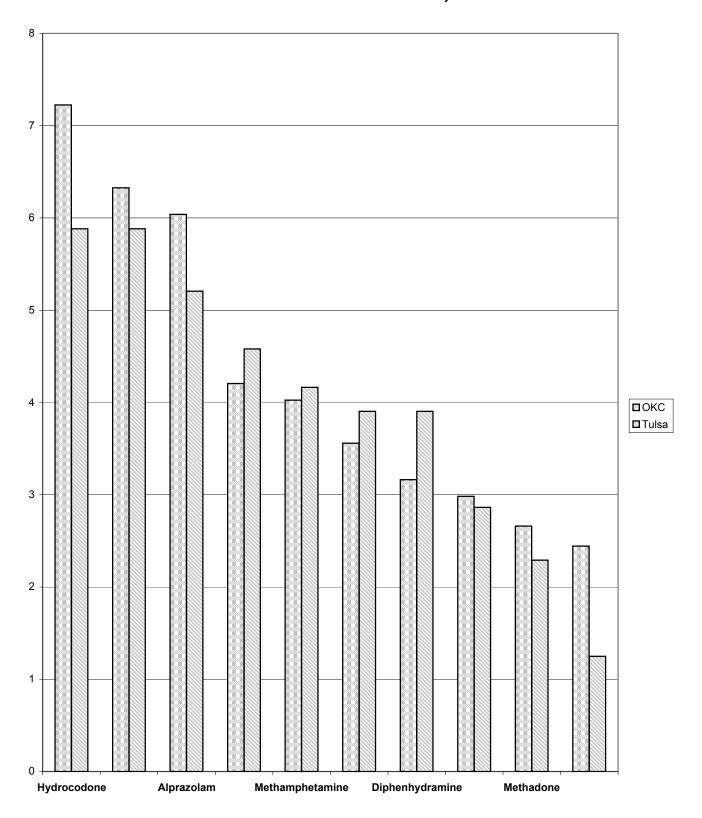
#### Positive drugs to include:

Fluconazole

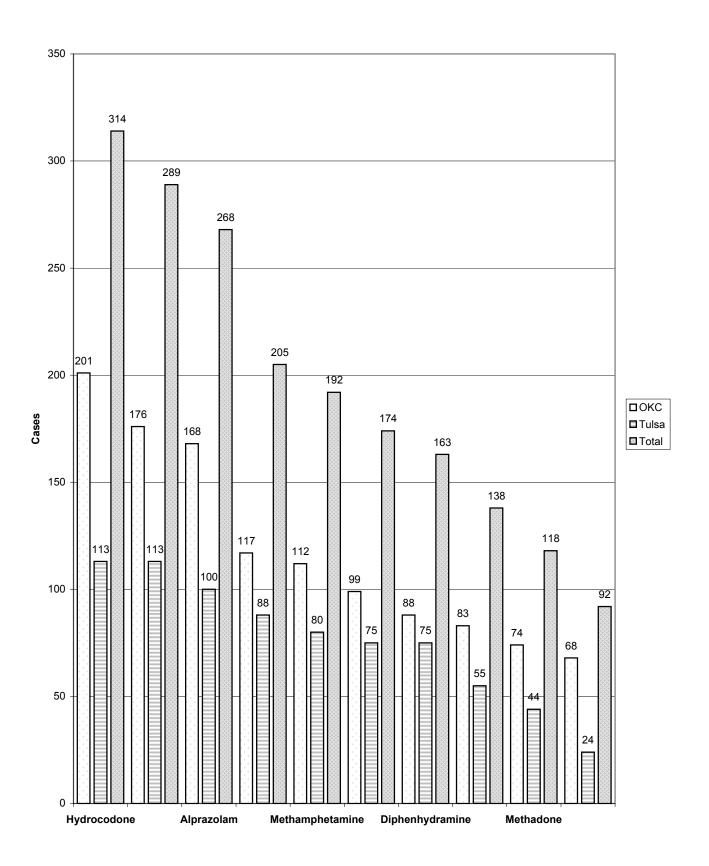
\*Drugs detected – more than one drug may be found in a case

Cocaine & related Methamphetamine Amphetamine Alprazolam Nordiazepam Phenytoin Labetalol Diazepam Atropine Phencyclidine Meprobamate Citalopram Levetiracetam Codeine Pentobarbital Midazolam Oxycodone Oxymorphone Hydrocodone Cyclobenzaprine Propoxyphene Hydromorphone Lidocaine Tramadol Amitriptyline Nortriptyline Naproxen **Bupropion** Phentermine Paroxetine

# 2010 Top Ten Drugs Detected\* (\*Normalized by The Number of Cases Per Jurisdiction)



#### 2010 TOP TEN DRUGS DETECTED



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## DRUG DEATHS BY MANNER FIVE YEAR COMPARISON

